

TANIA DE JESÚS ESPINOSA

New Haven, CT 06511 | tania.dejesusespinosa@yale.edu

WORK EXPERINCE

Graduate Research Assistant

September 2024 -

Yale University- Graduate School of Arts and Sciences/ School of Nursing

- Develop and conduct cross-sectional research focused on environmental effects in HIV care.
- Conduct in-depth reviews of relevant literature and use statistical software to analyze datasets, produce descriptive statistics, and conduct additional statistical analyses
- Prepare data-based abstracts for submission to conferences.
- Contribute to drafting manuscript for submission to peer-reviewed journals
- Create visually compelling infographics using plain language to present key research findings to lay audiences.
- Translate academic results into accessible formats to promote community engagement and education.
- Assist in reviewing manuscripts submitted to peer-reviewed journals, providing detailed critiques based on established reporting guidelines.
- Engage in activities focused on improving healthcare quality and understanding advanced research methodologies.
- Design and manage website, ensuring up-to-date content and resources that reflect the lab's ongoing projects, publications, and community impact.

Clinical Research Coordinator - Anal Neoplasia Clinic

August 2020- June 2024

University of Puerto Rico Comprehensive Cancer Center

- Clinical study: “**California-México-Puerto Rico Partnership (CAMPO) Center for Prevention of HPV-related Cancer in HIV+ populations**” (NIH-NCI 5U54CA242646-02)
- Clinical study: “**Treatment in Preventing Anal Cancer in Patients With HIV and Anal High-Grade Lesions (ANCHOR)**” (NCT02135419)
- Clinical study: “**Mechanisms of disparities in the natural history of oral and oropharyngeal HPV infection among persons living with HIV: the CAMPO oral cohort study**” (NIDCR-R56DE032668)
- Design and develop clinical areas for the performance of clinical procedures on clinical trials.
- Contribute with the drafting of proposals, clinical trials, amendments, informed consent forms, clinical documentation, and administrative documentation.
- Prepare and assist physicians with procedures (anal and cervical samples, colposcopies, high-resolution anoscopies, hysteroscopies, LEEPs).
- Support the administrative and clinical staff of the Puerto Rico Clinical and Translational Research Consortium (PRCTRC) and the Comprehensive Cancer Center Hospital
- Develop proposals, guides and standard operating procedures
- Recruit participants to the CAMPO and AIDS Malignancy Consortium studies (pre-evaluation, interviews, informed consent, organization of study calendar and participant appointments)
- Collect blood, saliva and mouthwash samples
- Recruit, Enroll, and Educate participants.

NCLEX-RN Development Specialist - RDC Nurses

May 2021- May 2022

- Design and develop study curriculum for NCLEX-RN Review
- Create and maintain Virtual NCLEX-RN review platform
- Record instructional videos
- Design and implement virtual live-training sessions
- Mentor, monitor and guide nurses trough review process according to their individual needs

Case Manager-Counselor - CCM Health

February 2020-July 2020

- Monitor Patients with chronic conditions following Chronic Care Management guidelines.
- Coordinate patient's care with medical team from different specialties (neurology, cardiology, pain management, internal medicine)

- Educate patients about different aspects of their condition, treatment, and overall health.
- Evaluate patient's progress and develop and update individualized care plans.

Instructor - Interamerican University / Huertas College

August-December 2019

- Develop syllabus and calendar of various classes (Adult I, Adult II, Family and Community Health Nursing)
- Educate and train nursing students about pathophysiology, procedures, nursing process, and Evidence Based Practice, among other topics.
- Develop and evaluate oral, written, and technological assignments in a timely manner
- Guide and evaluate students during clinical practice in different Hospital Settings

Registered Nurse - Ryder Memorial Hospital

September 2015-June 2017

- Applying nursing process in the assessment, diagnose, planning and intervention in patients with a variety of conditions to provide excellent patient care.
- Document in clinical record; activation, actualization of nursing plans.
- Communication with interdisciplinary team to ensure well-being of patients.

EDUCATION

Yale Graduate School of Arts and Sciences

2024-Present**PhD in Nursing Sciences** (Expected Graduation: 2028)

University of Puerto Rico Medical Sciences Campus, San Juan PR

2017-2019**Master's in Nursing Sciences****Family and Community Health Nursing- Education Role**

University of Puerto Rico at Humacao, Humacao PR

2010-2015**Bachelor's in Nursing Sciences****LICENSES**

Registered Nurse	Puerto Rico	Lic. # 6080450
Family and Community Health Nurse	Puerto Rico	Lic. # 3463
Registered Nurse	Indiana	Lic. # 28273158A
Registered Nurse	Connecticut	Lic. # 234569

RESEARCH EXPERIENCE**International Nursing Network for HIV Research**

June 2021- Present

Study IX: Health Equity in HIV (Current)

Study VIII: The Impact of the COVID 19 Pandemic on People with HIV (Co-PI: 2020-2023)

Peer Reviewer:

March 2022- Present

Reviewing abstracts and articles for the Pan American Journal of Public Health, Qualitative Health Research, Global Qualitative Nursing Research, Journal of the Association of Nurses in AIDS Care, and the National Association of Hispanic Nurses to assess their quality, relevance, and scientific rigor. Provide constructive feedback to authors, highlighting both strengths and areas for improvement. Collaboration with the editorial teams to ensure that only high-quality abstracts and articles are selected for publication or presentation; upholding confidentiality and ethical standards throughout the peer review process.

Master's Thesis, University of Puerto Rico - MSC

January 2018- May 2019

Experiencias de Personas Viviendo con VIH en el Paso del Huracán María por Puerto Rico: Adherencia, Accesibilidad a Servicios de Salud y Seguridad Alimentaria

Descriptive phenomenological investigation based on north and northeast clinics that serves HIV population in Puerto Rico. Along with my colleague, we were responsible for proposal development, IRB submission, creation of question guidelines for a semi-structured interview; conduct, code and analyze interviews. In

addition, findings were presented to the participants in the clinics, scientific meetings and published in a peer reviewed journal.

RESEARCH PUBLICATIONS

Phillips, J. Craig LLM, PhD, RN, ACRN, FAAN, FCAN*; Davey, Christine Horvat PhD, RN; Cuca, Yvette P. PhD, MPH; **de Jesús-Espinosa, Tania MSN, RN**; Duwadi, Deepesh MS; Makhado, Lufuno PhD, BCur NS-Hons, MSc; Schnall, Rebecca PhD, MPH, RN-BC, FAAN, FACMI; Santa Maria, Diane DrPH, RN, ACRN, PHNA-BC, FSAHM, FAAN; Reyes, Darcel PhD, ANP-BC, FAAN; Kamitani, Emiko PhD, MPH, MS, RN; Chen, Wei-Ti PhD, RN, CNM, FAAN; Sabone, Motshedisi PhD, RN; Chandler, Rasheeta D. PhD, RN, FNP-BC, FAANP, FAAN; Wharton, Mitchell J. PhD, RN, FNP-BC, FAAN; Dawson-Rose, Carol PhD, RN, FAAN. (2025). Sociostructural Determinants of Health for People Living With HIV During the COVID-19 Pandemic: A Policy Brief for Future Global Health Crises. Journal of the Association of Nurses in AIDS Care ():10.1097/JNC.0000000000000613. | DOI: 10.1097/JNC.0000000000000613

Dawson-Rose, C. S., Horvat Davey, C., Huang, E., Cox, L., Phillips, J. C., Sabone, M., Makhado, L., Iwu, E., Fitch, K. V., Shaibu, S., Santa Maria, D., Schnall, R., Apiruknapanond, P., Wang, T., Sierra Pérez, Á. J., **de Jesús Espinosa, T.**, Broussard, J., & Cuca, Y. P. (2025). Impact of COVID-19 Pandemic on Quality of Life, Anxiety, Connections to Friends, and Access to Resources Among People with HIV: Using the Social Ecological Model. *AIDS and behavior*, 10.1007/s10461-025-04928-z. Advance online publication. <https://doi.org/10.1007/s10461-025-04928-z>

Rullo R, Maatouk A, Huang T, Chen J, Qiu W, O'Connor G, Womack J, Sadak T, Rodriguez C, **de Jesus Espinosa T**, Carneiro P, Marshall A, Ying R, Ramos SR. Interdisciplinary Development and Fine-Tuning of CARDIO a LLM for Cardiovascular Health Education in HIV Care: A Tutorial. J Med Internet Res. 2025 Aug 11. doi: 10.2196/77053. Epub ahead of print. PMID: 40794856.

Kang, B., Chin, L., Camacho-Rivera, M., Garza, M., **de Jesús Espinosa, T.**, Cong, X., ... & Ramos, S. R. (2025). Intervention mapping for systematic development of a community-engaged CVD prevention intervention in ethnic and racial sexual minority men with HIV. *Frontiers in Public Health*, 13, 1529152.

de Jesús-Espinosa T, Solís-Báez S, Valencia-Molina CP, Triana Orrego JC, Benítez Duque J, Phillips JC, Schnall R, Cuca YP, Chen WT, Shaibu S, Sabone M, Wang T, Iwu E, Horvat Davey C, Murphey C, Palmieri P, Chaiphibalsarisdi P, Corless IB, Makhado L, Santa Maria D, Dawson-Rose C. (2024). Translating Open-Ended Questions in Cross-Cultural Qualitative Research: A Comprehensive Framework. J Transcult Nurs. 2024 Aug 16:10436596241271248. doi: 10.1177/10436596241271248. Epub ahead of print. PMID: 39148429. Cuca,

Yvette P. PhD, MPH, MIA*; Horvat Davey, Christine PhD, RN; Corless, Inge B. PhD, MA, BSN, FNAP, FAAN; Phillips, J. Craig PhD, LLM, RN, ACRN, FAAN, FCAN; Sierra-Perez, Álvaro José RN; Solís Báez, Solymer BA; Iwu, Emilia RN, PhD; Sabone, Motshedisi RN, PhD; Mulaudzi, Mercy Tshilidzi PhD; Murphey, Christina PhD, RN; Shaibu, Sheila PhD, RN; Chen, Wei-Ti RN, CNM, PhD, FAAN; Santa Maria, Diane DrPH, RN, PHNA-BC, FASHM, FAAN; Schnall, Rebecca RN, MPH, PhD, FAAN; Palmieri, Patrick DHSc, EdS, MBA, MSN, PGDip(Oxo), ACNP, RN, FAAN; Apiruknapanond, Panta RN, PhD; Wang, Tongyao RN, PhD; **de Jesús, Tania RN, MSN**; Huang, Emily BS; Broussard, Janessa NP; Dawson-Rose, Carol RN, PhD, FAAN. The Social, Mental, and Physical Health Impacts of the COVID-19 Pandemic on People With HIV: Protocol of an Observational International Multisite Study. Journal of the Association of Nurses in AIDS Care ():10.1097/JNC.0000000000000444, December 14, 2023. | DOI: 10.1097/JNC.0000000000000444

de Jesus Espinosa, T., Otero Jimenez, L., & Rivero-Méndez, M. (2020). Adherence, food security and health services access in Puerto Rico with Hurricane Maria: Experiences of people living with HIV. *NURE Investigación*, 17(106), 1–15.

de Jesus Espinosa, T., Otero Jimenez, L., & Rivero-Méndez, M. (2019). Experiencias de Personas Viviendo con VIH en el paso del Huracán María por Puerto Rico: Adherencia, Accesibilidad a Servicios de Salud y Seguridad Alimentaria [Abstract]. *Puerto Rico Health Science Journal*, 38(1), 8.

OTHER PUBLICATIONS

Ruhl, S., **de Jesús- Espinosa, T.**, Goines, E., & YSPH EHS 544 Students. (2026). From blight to wellbeing: A pilot to leverage federal funds for brownfield remediation and family health in CT [Policy brief]. Yale School of Medicine; Yale School of Public Health; University of Connecticut InCHIP.

https://chip.media.uconn.edu/wp-content/uploads/sites/3073/2026/01/Moving-Beyond-Program_Jan2026.pdf

Phillips, J. Craig LLM, PhD, RN, ACRN, FAAN, FCAN*; Davey, Christine Horvat PhD, RN; Cuca, Yvette P. PhD, MPH; **de Jesús-Espinosa, Tania MSN, RN**; Duwadi, Deepesh MS; Makhado, Lufuno PhD, BCur NS-Hons, MSc; Schnall, Rebecca PhD, MPH, RN-BC, FAAN, FACMI; Santa Maria, Diane DrPH, RN, ACRN, PHNA-BC, FSAHM, FAAN; Reyes, Darcel PhD, ANP-BC, FAAN; Kamitani, Emiko PhD, MPH, MS, RN; Chen, Wei-Ti PhD, RN, CNM, FAAN; Sabone, Motshedisi PhD, RN; Chandler, Rasheeta D. PhD, RN, FNP-BC, FAANP, FAAN; Wharton, Mitchell J. PhD, RN, FNP-BC, FAAN; Dawson-Rose, Carol PhD, RN, FAAN. (2025). Sociostructural Determinants of Health for People Living With HIV During the COVID-19 Pandemic: A Policy Brief for Future Global Health Crises. Journal of the Association of Nurses in AIDS Care ().10.1097/JNC.0000000000000613, December 24, 2025. | DOI: 10.1097/JNC.0000000000000613

de Jesus Espinosa, T., Gómez Vargas, V., García Camacho, S., Soto Salgado, M., Colón López, V., & Ortiz, A. P. (2022, April 28). *Implementation of community outreach strategies for recruitment of individuals into ULACNet-101 in Puerto Rico*. ULACNet Update - National Cancer Institute.

de Jesus Espinosa, T., Garcia Camacho, S., Vazquez Sanchez, F., Gomez Vargas, V., & Ortiz, A. P. (2022, January 28). *Lessons Learned from ULACNet-101: Starting a Clinical Trial Amidst a Pandemic*. ULACNet Update- National Cancer Institute.

de Jesus Espinosa, T. (2021, September 20). ULACNet-101 Getting Ready for Recruitment. *ULACNet Update - National Cancer Institute*.

POSTERS

Environmental and Infrastructure Disruptions and HIV Care Continuity: A Scoping Review Mapping hazards, disruptions pathways, and resilience strategies across the HIV care cascade

[Presenter] 38th Annual Scientific Sessions- Strength in Nursing Science: Advancing Health Across Dynamic and Diverse Settings | Encore, Boston Harbor, MA | March 25-27, 2026

Economic Instability and Substance Use Among U.S. Adults: Evidence From a Population-Based Study

[Author] 38th Annual Scientific Sessions- Strength in Nursing Science: Advancing Health Across Dynamic and Diverse Settings | Encore, Boston Harbor, MA | March 25-27, 2026

Initiation Steps: Developing a Large Language Model for Cardiovascular Health Promotion in Sexual and Gender Minorities Living with HIV

[Author] Yale School of Nursing 2025 Scholar's Day | Yale School of Nursing, Orange, CT | April 25, 2025

Associations Between Social Determinants, Sociodemographic Factors, and Discrimination Experiences Among Diverse, Young Adult, Sexual Minority Men

[Author] Eastern Nursing Research Society 37th Annual Scientific Sections: Freedom to Advance Health and Well-being Through Revolutionary Nursing Research Partnerships | Loews Philadelphia Hotel, Philadelphia, PA | April 3 – 4, 2025

Associations Between Cardiovascular Risk Behaviors and Sleep Duration in Young Adult Sexual Minority Men

[Presenter] American Heart Association's EPI Lifestyle Scientific Sessions "Cardiovascular Health Across Borders: Global Data, Local Solutions", Hyatt Regency, New Orleans, LA | March 6, 2025

The Experience of People Living with HIV in the aftermath of Hurricane Maria in Puerto Rico, Adherence, Accessibility to Health Services and Food Security

[Presenter] Caribbean Strong: Building Resilience with Equity, Sheraton Puerto Rico Hotel and Casino, San Juan, PR | February 27- 29 March 1, 2019.

PRESENTATIONS**Nursing in Research: The CAMPO Experience**

Invited speaker for the HPV Interest Group, Comprehensive Cancer Center of the UPR, San Juan, P.R., June 16, 2023

Maternal Health in the Community

Invited speaker on Family and Community Health Nursing Class, UPR-MS-C-Nursing School, San Juan, P.R., February 10, 2020

The Experience of People Living with HIV in the aftermath of Hurricane Maria in Puerto Rico, Adherence, Accessibility to Health Services and Food Security

39th Annual Research and Education Forum MSC-UPR "From Campus to Community: Challenges, Responses and Reconstruction", UPR-MS-C, San Juan, PR, April 10-12, 2019

SKILLS

Operating Systems: MS Windows, Mac OS

Computer Programs: Microsoft Office (Excel, Power Point, Word, Outlook), Gmail, Acrobat Reader, Chrome, Firefox, Prezi, Electronic Medical Records (Picasso, EMW).

Languages: Spanish: native language, English: fluent (speaking, reading, writing)

RELEVANT COURSES

Equitable Teaching, Yale University Poorvu Center (2025)

HIPAA and PHI Management in Research, Workday Learning (2024)

Clinical Diagnosis and Treatment of Patients for possible **Dengue** diagnosis, Puerto Rico Healthcare Department (2024)

Good Clinical Practice, Workday Learning (2024)

Human Research: Biomedical- Social/Behavioral, Good Clinical Practice for Clinical Trials; CITI (2023)

ACLS; National Healthcare Provider Solutions (2023)

BLS; American Heart Association (2022)

Introduction to Implementation Science Theory and Design, UCSF (2021)

Biosafety Complete Training Series; CITI (2023)

Fundamentals of Design and Teaching in Online Learning Environments, Interamerican University (2020)

HIPAA & OSHA Certification: ECC Trainings (2019)

Health Care Organization Operations; Rutgers University (2019)

Administration of Tuberculin Test; Puerto Rico Health Department (2019)

Research Aspects of HIPPA, USCD Human Research protections Program (2019)

Nursing Studies - Communication and Transcultural Factors, ALISON (online) (2017)

Basic Sign Language, Servicios Orientados al Sordo Inc. (2015)

Incident Command Chain System, FEMA, (2014)

EXTRACURRICULAR ACTIVITIES

Affiliations: Yale Tango Club Treasurer/Event Coordinator (2025- Current), PhD Representative Yale School of Nursing Student Government (2025-2026), DEI Committee YSN-SGO (2025-2026), Investigation and EBP Committee of the School of Nursing-MS-C (2018-2019)

Professional Memberships: Colegio de Profesionales de Enfermería de Puerto Rico (CPEPR), Servicios Integrados para Emergencias de Puerto Rico (SIEPR), Association of Nurses in Aids Care (ANAC), National Association of Hispanic Nurses (NAHN), International Nursing Network for HIV Research (INNHR), International AIDS Association (IAS)

Volunteer Work: Yale Tango for Parkinson's Disease, Health Assessment and Supply Delivery to victims of earthquakes in PR 2020, Health Fairs and Supplies Delivery with SIEPR after Hurricane María (Yabucoa, Las Piedras, Utuado), Health Fairs Organizations

AWARDS AND RECOGNITIONS

McLeod-Blue Skye Scholarship Fund- Yale University, New Haven, CT, (March 2025)

FLAGS Research Award- Yale University, New Haven, CT, (February 2025)

Code Build- Best in Class- (EPH505- Code Build 2), Yale University, New Haven, CT (November 2024)

Code Build- Best in Class- (EPH505- Code Build 1), Yale University, New Haven, CT (October 2024)

Magna Cum Laude- MSN student, UPR-MSC, San Juan, Puerto Rico (June 2019)

Academic Excellence- MSN student, UPR-MSC, San Juan, Puerto Rico (May 2019)

Student Leadership Nominee- MSN student, UPR-MSC, San Juan, Puerto Rico (May 2019)

1st place Student Poster Competition- Caribbean Strong: Building Resilience with Equity (March 2019)

Caribbean Strong Student Stipend- Caribbean Strong: Building Resilience with Equity (February 2019)

Academic Excellence- MSN student, UPR-MSC, San Juan Puerto Rico (May 2018)