



JOHNS HOPKINS

SCHOOL *of* NURSING

THE CENTER
FOR INFECTIOUS DISEASE
AND NURSING INNOVATION



BI-ANNUAL REPORT

July 1, 2024 - June 30, 2026

OUR VISION

Quality, accessible care that is free of judgement, discrimination, and inequity for persons at risk for or living with an infectious disease.

OUR MISSION

Is to cultivate scientific and programmatic infectious disease expertise within Nursing. Center affiliated scientists, trainees and staff design and test innovative, high quality, patient-centered models of care to improve clinical outcomes.

OUR CULTURE

We strive for passion and an environment that nurtures an intense spirit for discovering new ways of increasing access and improving health equity for all people.



Jason E. Farley
*PhD, MPH, ANP-BC,
FAAN, FAANP, AACRN*

Endowed Professor of Nursing
Leadership and Innovation

MESSAGE FROM THE DIRECTOR

Welcome to CIDNI. I am Jason E. Farley, Professor and the Leadership and Innovation Endowed Chair at the Johns Hopkins University School of Nursing, where I also serve as Associate Dean for Community Programs and Initiatives and founding Director of the Center for Infectious Disease and Nursing Innovation (CIDNI).

For more than 20 years, I have practiced as an infectious disease nurse practitioner within the Johns Hopkins University School of Medicine, Division of Infectious Diseases, caring for people living with HIV primary care, HIV and tuberculosis prevention, and other complex infections.

My research and clinical work sit at the intersection of TB, HIV, and health equity, with a sustained focus on how nurses can safely and effectively lead care for the most challenging forms of disease. I am the principal investigator of Bring BPAL2Me (NCT05671718), a cluster-randomized non-inferiority trial across KwaZulu-Natal and the Eastern Cape, South Africa, comparing nurse-led with physician-led management of rifampicin-resistant TB using shorter, all-oral regimens. Conducted in close partnership with South African colleagues and national TB programs, this work tests a central question for global nursing: can task-sharing to well-supported nurses expand access without compromising outcomes?

Across implementation science, clinical trials, and community programs, I am committed to building evidence that strengthens the nursing workforce that reaches patients where they live. I believe nurse-led, person-centered models are essential to ending TB, and I am honored to contribute to a global community advancing that goal.

BALTIMORE CITY PATIENT SERVICES

MARYLAND

Since 2013 CIDNI has helped the local community



Capacity Development

12,065

Trained Healthcare Workers

Clinical Trials

3,905

Enrolled

Baltimore City Patient Services to Date

1,679

Tested for MRSA

2,620

Tested for STIs

1,662

Tested for HIV

929

Tested for
Hepatitis C (HCV)

213

Vaccinated
for COVID-19

6

Vaccinated for Mpox

34

Linkage to Care for
a newly diagnosed
Infectious Disease

1,097

Virtual community
healthcare worker
Infectious Disease
services

GLOBAL IMPACT

South Africa

Research, Training, Patient Care,
Technical Assistance, Health System Evaluation

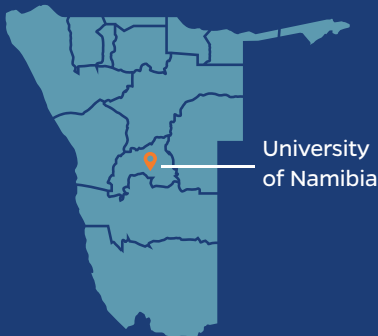
4,471 Enrolled in ID Clinical Trials
1,629 Healthcare Workers Trained
53 TB contacts screened
38 HIV Prevention started
1,227 Treated for Drug-Resistant TB



Namibia

Curriculum development
with University of Namibia

250 Healthcare workers trained



Tanzania

Health System Evaluation

1 Hospital provided technical assistance
25 Healthcare workers trained



China

Technical Assistance,
Health System Evaluation

1 Hospital provided technical assistance
150 Healthcare workers trained



Myanmar

Training, Health System
Evaluation

35 Healthcare workers trained



India

Research, Training

1 Hospital provided technical assistance



Ukraine

Training, Technical Assistance,
Health System Evaluation

120 Healthcare workers trained
4 DRTB sites provided technical assistance



Brazil

Research, Training

2 Visiting Preceptorships
20 PhD Students Trained



Lebanon

Research, Training

2 Healthcare facilities provided
technical assistance
150 Trained Healthcare Workers



CIDNI SEMINARS

CIDNI Seminars

Please check them out on our website at the following link: <https://cidni.org/monthly-webinars/>



July 2024

"HIV Stigma: Translating Theory into Action"
Dr. Alanna Bergman
<https://vimeo.com/1205887679?fl=ml&fe=ec>



August 2024

"HIV in the South: What More Can We Do?"
Dr. D. Scott Batey
<https://vimeo.com/1205887745?fl=ml&fe=ec>



November 2024

"Managing Marburg Outbreaks: Clinical Presentation and the Critical Role of Nurses in Effective Response"
Bianca Giannotti BSN, RN
<https://vimeo.com/1205887906?fl=ml&fe=ec>



December 2024

"2024 Updates in HIV Prevention, Treatment, and Salvage Regimens"
Dr. Jason E. Farley
<https://vimeo.com/1205887786?fl=ml&fe=ec>



February 2025

"Antiretroviral Pharmacology and Selecting an Antiretroviral Regimen"
Dr. Jeffrey Kwong
<https://vimeo.com/1205887937?fl=ml&fe=ec>



March 2025

"Implementation of Long-Acting Drugs for the Treatment and Prevention of HIV"
Dr. Joshua Havens
<https://vimeo.com/1205887912?fl=ml&fe=ec>



April 2025

"Measles: What Goes Around Comes Around"
Dr. William Moss
<https://vimeo.com/1205944585?fl=ml&fe=ec>



June 2025

"Adolescents and Young Adults and National Legislative Actions"
Dr. Dalmacio Dennis Flores
<https://vimeo.com/1205887818?fl=ml&fe=ec>



August 2025

"Hot Topics in Vaccines: Measles Outbreak in the US And Changes to the Advisory Committee on Immunization Practices (ACIP)"
Dr. Anna Durbin
<https://vimeo.com/1205887762?fl=ml&fe=ec>



September 2025

"Nurse Initiated Multidrug-Resistant Tuberculosis in South Africa: Past, Present, and Future"
Dr. Norbert Ndjeka
<https://vimeo.com/1205948748?fl=ml&fe=ec>



February 2026

"HIV Epidemiology for Infectious Disease and Nursing Innovation"
Colin Flynn ScM
<https://vimeopro.com/jhunursing/hiv2026/video/1154415403>



March 2026

"Tuberculosis Diagnosis, Prevention, and Management in the United States"
Dr. Jason E. Farley
<https://vimeo.com/1205951180?fl=ml&fe=ec>



April 2026

"Sexually Transmitted Infections and HIV"
Dr. Matthew Hamill
<https://vimeopro.com/jhunursing/hiv2026/video/1157025412>



May 2026

"Hantavirus on the MV Hondius: Epidemic, Epidemiology, Clinical Presentation, and Infection Control for the Bedside Nurse"
Bianca Giannotti BSN, RN
<https://vimeo.com/1205954824?fl=ml&fe=ec>



June 2026

"The 2026 Central Africa Ebola Outbreak: Bundibugyo Virus and Implications for Nursing and Public Health"
Bianca Giannotti BSN, RN
<https://vimeo.com/1205887891?fl=ml&fe=ec>

OUR TEAM

Leadership

Dr. Jason E. Farley

Kelly Lowensen

Staff

Dorcas Baker

Bongiwe Cetywayo

Nonkululeko Dandala

Zikhona Gabazana

Tayanda Goso

Yakub Kadernani

Jessica LaRicci

Sibongile Lerefolo

Ntombasekhaya Mlandu

Siziphiwe Mlandu

Nomusa Mthimkhulu

Noxolo Mqadi

Zipporah Ncane

Zandile Nciwani

Nkateko Ndlovu

Vuyokazi Nqwenya

Bulelwa Ntlenzi

Nzuza Nonhlanhla

Nhlami Sereme

JHU Affiliated Faculty Scientists

Dr. Kamila Alexander

Dr. Chakra Budhathoki

Dr. Lisa Grubb

Dr. Haera Han

Dr. Nancy Reynolds

Dr. Tamar Rodney

National and Global Affiliated Scientists

Dr. Ricardo A. Arcêncio

Dr. D. Scott Batey

Dr. Alanna Bergman

Dr. Dalmacio Dennis Flores

Dr. Omeid Heidari

Current Trainees

Elizabeth Di Giacomo

Bianca Giannotti

Adam Leonard

Former Trainees

Dr. Alanna Bergman

Dr. Amit “Mickey” Dhir

Dr. Brenice Duroseau

Dr. Keri Geiger

Dr. Dominique Guillaume

Dr. Omeid Heidari

Dr. Hyejeong Hong

Dr. Ana Kelly

Dr. Katherine McNabb

Dr. Diane Meyer

Dr. Jeanne Murphy

Dr. Yen Nguyen

Dr. Bunmi Ogungbe

Dr. Laura Starbird

Dr. Carrie Tudor

Dr. Brittney van de Water

Dr. Erin Whitehouse

COLLABORATIVE CENTERS, PARTNERS, CLINICS, COMMUNITY ORGANIZATIONS, AND HEALTH DEPARTMENTS



Johns Hopkins Center
for AIDS Research (CFAR)



CENTER FOR
TUBERCULOSIS
RESEARCH

Johns Hopkins Tuberculosis
Research Advancement Center (TRAC)

Community Organizations

AIDS Action Baltimore
Association of Nurses in AIDS Care
Association of Nurses in AIDS Care Chesapeake Chapter
Aurum Institute
Black Nurses Association of Baltimore
Cornerstone Community Housing
Department on Aging
Enoch Free Pratt Library
Health Care for the Homeless
Manna House
Maryland Hepatitis C Coalition
New Vision House of Hope
Older Women Embracing Life (OWEL)
Planned Parenthood
PRIDE Center of Maryland
Syringe Services Program (SSP)

Health Departments

Baltimore City Health Department
Eastern Cape, South Africa Department of Health
KwaZulu-Natal, South Africa Department of Health
Maryland Department of Health
South Africa National Department of Health
Washington County Health Department
Wicomico County Health Department

MOUD

911 N. Broadway
Baltimore Addictions Centers
Behavioral Health Clinic (BHC)
Nuwave Health Services
Partners in Recovery
People Encouraging People
Seventy times Seven
Starting Point
The Recovery Center of Maryland

Clinics

Baltimore City Health Departments;
Druid and Eastern
Baltimore Medical Systems
Chase Brexton Health Services
East Baltimore Medical Center (EBMC)
Family Health Centers of Baltimore
JAI Medical System
John G. Bartlett Specialty Practice
John G. Bartlett Specialty Practice,
Greenspring
Johns Hopkins Bayview Infectious Disease
Johns Hopkins Bayview Specialty Care
Johns Hopkins University School of Medicine
Johns Hopkins University School
of Public Health Services
Total Healthcare
University of Maryland, Star Track
University of Maryland, THRIVE

GRANTS/STEWARDSHIP/ AWARDS **ACTIVE/FUNDED**

[Dr. Jason Farley - 1R01 AI177135-01](#)

NIH/ National Institute of Allergy and Infectious Diseases

“The Bring BPAL2Me Trial - Comparing Nurse-Led RR-TB Treatment in Primary Care to Physician-Led, Hospital-Based RR-TB Treatment: A Cluster Randomized, Non-Inferiority Trial”

[Dr. Jason Farley - 1R01 AI177135-01 Administrative Supplement](#)

NIH/ National Institute of Allergy and Infectious Diseases

“The Bring BPAL2Me Trial - Comparing Nurse-Led RR-TB Treatment in Primary Care to Physician-Led, Hospital-Based RR-TB Treatment: A Cluster Randomized, Non-Inferiority Trial”

[Dr. Jason Farley and Dr. Vincent Guilamo-Ramos - 1R25NR021365](#)

NIH/National Institute of Nursing Research

The Nursing Science Incubator for SDOH Solutions (N-SISS): Preparing Innovators to Eliminate Health Inequities and Redesign Health

[Dr. Jason Farley](#)

France-Merrick Foundation

“Improving access to infectious disease testing and treatment for Baltimore City residents”

[Dr. Jason Farley - INV-059061](#)

The Bill and Melinda Gates Foundation

“Measuring adherence using digital adherence technologies (DATs) in the new BPAL regimen to determine influence on microbiological outcomes and bedaquiline resistance”

[Dr. Jason Farley - Sub-award - TR7HA53201](#)

University of Pittsburgh School of Nursing / Health Resources and Services Administration (HRSA) [Regional Main, MAI, EHE and Bureau of Primary Healthcare (BPHC)]

AIDS Education and Training Center (AETC), Partner of the MidAtlantic AETC

[Dr. Jason Farley - Sub-award - UT8HA33919](#)

Baltimore City Health Department / Health Resources Services Administration (HRSA)

“The VirtualCare4Me (VCare) Program for a Differentiated Service Delivery in support of Ending the HIV Epidemic”

[Amit “Mickey Dhir](#)

Johns Hopkins University Provost PhD Thesis and Predoctoral Research Grant

“Extending the Prevention Toolbox: Exploring the Acceptability and Impact of Long-acting Injectable PrEP among MSM in Baltimore (EXPLORE Study)”

[Amit “Mickey Dhir](#)

Johns Hopkins School of Nursing (JHSON)
Discovery and Innovation Grant

“Extending the Prevention Toolbox: Exploring the Acceptability and Impact of Long-acting Injectable PrEP among MSM in Baltimore (EXPLORE Study)”

Elizabeth Di Giacomo

Canadian Institutes of Health Research (CIHR)
Canada Graduate Research Scholarship Doctoral Program (CGRS D)

“Addressing Linked Gaps in the Paediatric Tuberculosis Care Cascade: Access to Preventive Services and Diagnostic Recognition in High-Risk Children”

Elizabeth Di Giacomo

Johns Hopkins School of Nursing (JHSON)
Deans Travel Fund

Elizabeth Di Giacomo

The Hospital for Sick Children (SickKids)
SickKids Staff Continuing Professional Development Fund Recipient

Elizabeth Di Giacomo

Johns Hopkins Bloomberg School of Public Health
Global Health Established Johns Hopkins Field Placement

Bianca Giannotti

Defense Threat Reduction Agency, Joint Science and Technology Office
“Far Forward Pathogen Discovery using Existing AI/ML Tools”

Bianca Giannotti

Global Emerging Infections Surveillance, Office of the Defense Health Agency
“Integrated tool for fieldable biosurveillance in project JOINT: Enhancing global biosurveillance with transformer-based AI support and training for satellite lab network utilization”

Adam Leonard

Institute for Global Health Sciences, Center for Global Nursing, University of California, San Francisco
Global Nursing Research Seed Award

Adam Leonard

University of California, San Francisco
Chancellor’s Fund Faculty Learning and Development Grant

Adam Leonard

Johns Hopkins University Center for Global Health
Global Health Established Field Placement Gran

PUBLICATIONS

Publications (July 1, 2024 – June 30, 2026)

Duroseau B, Vigil K, Murdock LR, Iyiewuare P, & Thorpe S. (2026). 'You shoot it up your vagina and that's supposed to heal it?': Black women's perceptions of vaginal steaming in the USA. *Journal of Culture, Health, & Sexuality*, 31(1):1-11. doi: 10.1080/13691058.2026.2618749. PMID: 41618892. PMCID: None.

Dhir AM, Clipman SJ, Farley JE, & Singh A. (2026). Systematic review of preferences for pre-exposure prophylaxis among persons assigned male at birth in the United States. *Journal of the Association of Nurses in AIDS Care (JANAC)*. Online ahead of print 2026 May 28. doi: 10.1097/JNC.0000000000000655. PMID: 42214698. PMCID: None.

Leonard A, Di Giacomo E, Farley JE, Salazar-Austin N, & Enane LA. (2026). Youth-friendly health services for tuberculosis care: An integrative review and implementation science synthesis. *BMC Health Services Research*. Online ahead of print 2026 June 10. doi: 10.1186/s12913-026-14844-0. PMID: 42271397. PMCID: None.

Di Giacomo E, Nightingale ES, MacPherson P, Feasey HRA, Soko RN, Phiri VK, Corbett EL, & Horton KC. (2026). Perceived gender equitable norms and previous tuberculosis testing in Malawi: A secondary analysis of a cluster-based prevalence survey. *PLOS Global Public Health*, 6(2): e0004620. doi: 10.1371/journal.pgph.0004620. PMID: None. PMCID: None.

Dhir AM, Singh A, Clipman SJ, & Farley JE. (2026). Barriers and facilitators influencing PrEP uptake among men who have sex with men and transgender women in the United States: A systematic review. *AIDS and Behavior*. Online ahead of print 2026 March 3. doi: 10.1007/s10461-026-05092-8. PMID: 41774306. PMCID: None.

Leonard A, Lowensen K, Di Giacomo E, Duroseau B, Mlandu K, Kadernani Y, Arcêncio R, Budhathoki C, ^Evans D, ^Ndjeka N, & ^Farley JE. (2026). Missed PrEP opportunities and vulnerability to HIV during rifampicin-resistant tuberculosis treatment in South Africa. *Frontiers in Public Health*, 23 March 2026(14):1797716. doi: 10.3389/fpubh.2026.1797716. PMID: 41948027. PMCID: PMC13050846.

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Dhir AM, Hanrahan CF, Kaptchuk RP, Singh A, Farley JE, & Clipman SJ. (2026). Systematic development of discrete choice experiment attributes to assess PrEP preferences among MSM and transgender women in Baltimore: A qualitative study. *Journal of the Association of Nurses in AIDS Care (JANAC)*. Online ahead of print 2026 March 22. doi: 10.1097/JNC.0000000000000653. PMID: 42169215. PMCID: None.

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Melino K, & Leonard A. (2026). Structural competency as a global framework for syndemic HIV care: A critical synthesis. *Journal of the Association of Nurses in AIDS Care (JANAC)*, 37(3):268-277. doi: 10.1097/JNC.0000000000000619. PMID: 41543437. PMCID: None.

Bergman AJ, Di Giacomo E, Leonard A, Jung I, & Heysell JK. (2026). Illicit substance use and its impact on tuberculosis care engagement: A systematic review and meta-analysis of prevalence. *Journal of Clinical Tuberculosis and Other Mycobacterial Diseases*, 44(2026):100620. doi: 10.1016/j.jctube.2026.100620. PMID: None. PMCID: None.

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David A, Marokane P, Singh L, Farley JE, daSilva P, Stevens W & Scott L. (2025). Not so simple: Implementing a sputum jar to enhance TB diagnostic yield. *South African Medical Journal (SAMJ)*, 115(5):e3310. doi: 10.7196/SAMJ.2025.v115i5.3310. PMID: 41378603. PMCID: None.

Dhir AM, Singh A, Solomon S, & Farley JE. (2025). Interventions for stigma reduction in HIV treatment and prevention designed to enhance antiretroviral uptake and adherence: A systematic review. *PLoS Global Health*, 5(5):e0004604. E-pub: 2025. doi: 10.1371/journal.pgph.0004604. PMID: 40354382. PMCID: PMC12068570.

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Thorpe S, Duroseau B, Iyiewuare P, & Palomino KA. (2025). Causes of sexual anxiety among US southern black women. *Journal of Sexual and Relationship Therapy*, 40(2):430-447. doi: 10.1080/14681994.2025.2464658. PMID: 41049868. PMCID: PMC12490749.

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Pandian V, Sathiyaseelan M, Chiu AC, Ravindran V, Kverno K, Durai S, Wilson P, Sony A, Rodney T, Rediger K, Nirmal I, Seetharaman B, Regier N, Charles HS, Docal M, Farley JE, Sadan V, & Reynolds NR. (2024). Leveraging a global partnership to address COVID-19-related mental health challenges. *Journal of Psychiatric and Mental Health Nursing*, 32(2):391-401. E-pub: 2024. doi: 10.1111/jpm.13115. PMID: 39361448. PMCID: None.

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Farley JE, Beauchamp G, Bergman A, Hughes JP, Batey DS, Mayer K, del Rio C, Raifman J, Lowensen K, Gamble T, Remien R, & Beyrer C. (2024). The impact of stigma and sexual identity on PrEP awareness and use among at risk men who have sex with men in 4 US cities (HPTN 078). *Stigma and Health*, 9(3):400-410. E-pub: 2022. doi: 10.1037/sah0000413. PMID: 39148912. PMCID: PMC11323033.

Dangerfield II DT, Anderson JN, Wylie C, Bluthenthal R, Beyrer C, & Farley JE. (2024). A multicomponent intervention (POSSIBLE) to improve perceived risk for HIV among black sexual minority men: Feasibility and preliminary effectiveness pilot study. *JMIR Human Factor*, 11:11e54739. doi: 10.2196/56739. PMID: 38861707. PMCID: PMC11200034.

Thorpe S, Malone N, Vigil K, Duroseau B, Iyiewuare P, & Palomino K. (2024). Minority stressors and psychological correlates of sexual distress among black queer and heterosexual women. *Journal of Sexual and Relationship Therapy*, 39(4):1423-1440. doi: 10.1080/14681994.2024.2303071. PMID:39885902. PMCID: PMC11781609.

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ABSTRACTS

Farley JE, Lowensen K, Kadernani Y, Clemens G, Mlandu N, Evans D[^], & Ndjeka N[^]. (2026). Transfer to higher level of care during BPAL-containing treatment in South African primary health care clinics: A blinded interim safety analysis from BringBPAL2Me trial. Oral presentation accepted for the 57th Union World Conference on Lung Health; Rio de Janeiro, Brazil.

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