



EQUITABLE HEALTH LITERACY INTERVENTIONS: PROMOTING ADHERENCE TO HIV TREATMENT AND CARE

Tamara Taggart, PhD, MPH

Adherence 2023 • June 11-13 • Puerto Rico

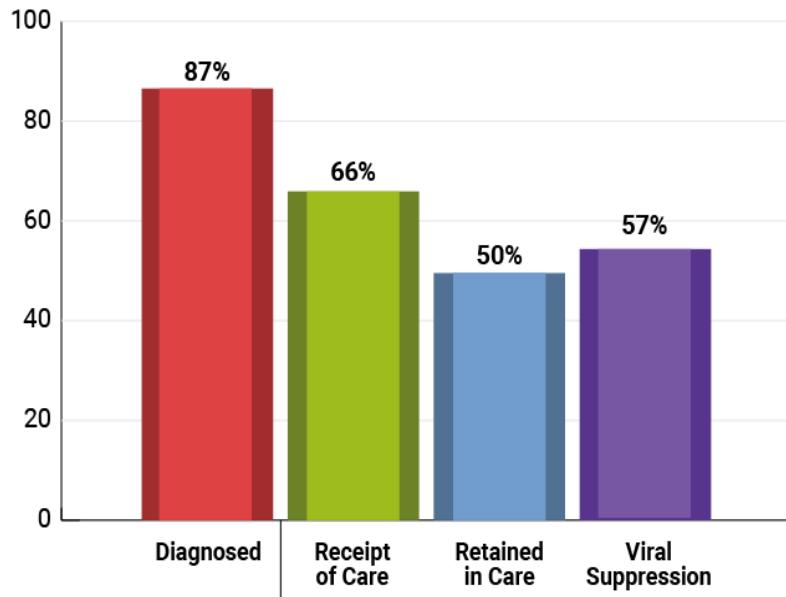


*I have no relevant financial relationships with
ineligible companies to disclose*

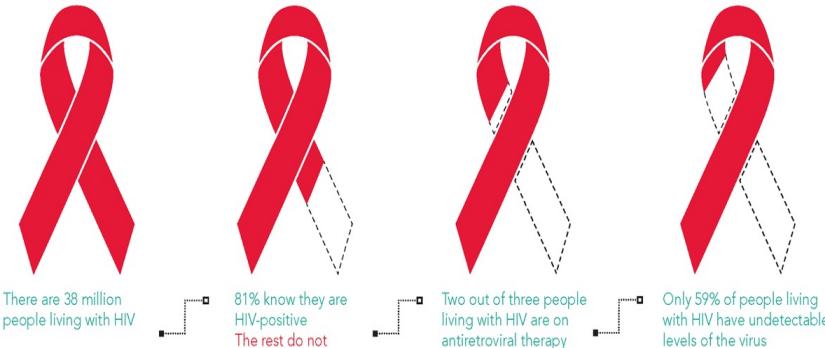


Background

Prevalence-based HIV Care Continuum, U.S. and 6 Dependent Areas, 2019



90-90-90: Treatment for all



90-90-90 HIV treatment targets

30 million people on treatment by 2020

90% of people living with HIV know their status

90% of people who know their HIV-positive status are on antiretroviral therapy

90% of people on antiretroviral therapy are virally suppressed



Health literacy and HIV care

- Health literacy is one's ability to acquire, communicate, and manage basic health information and services to make **informed health decisions**
- Driver of HIV acquisition and poor HIV care outcomes
- Social-structural and psychosocial factors contribute to mechanisms connecting race, health literacy, and HIV care



Health literacy and ending the global AIDS epidemic

- Retention in HIV care and ART adherence
- Social support
- Intersectional stigma
- Health care environment and patient-provider communication
- Anti-LGBTQ laws and HIV criminalization



Proven effective interventions

Randomized Controlled Trial > *J Acquir Immune Defic Syndr.* 2013 May 1;63(1):42-50.
doi: 10.1097/QAI.0b013e318286ce49.

Randomized clinical trial of HIV treatment adherence counseling interventions for people living with HIV and limited health literacy

Seth C Kalichman ¹, Chauncey Cherry, Moira O Kalichman, Christina Amaral, Denise White, Tamar Grebler, Lisa A Eaton, Dean Cruess, Mervi A Detorio, Angela M Caliendo, Raymond F Schinazi

A Systematic Review of Health Literacy Interventions for People Living with HIV

Joseph Perazzo , Darcel Reyes & Allison Webel

AIDS and Behavior 21, 812-821 (2017) | [Cite this article](#)

> *Neurobehav HIV Med.* 2012 Oct 18;4:113-121. doi: 10.2147/NBHIV.S36549.

Baseline medication adherence and response to an electronically delivered health literacy intervention targeting adherence

Raymond L Ownby ¹, Drenna Waldrop-Valverde, Joshua Caballero, Robin J Jacobs

Feasibility and Acceptability of an Adolescent-Friendly Rap Video to Improve Health Literacy Among HIV-Positive Youth in Urban Peru

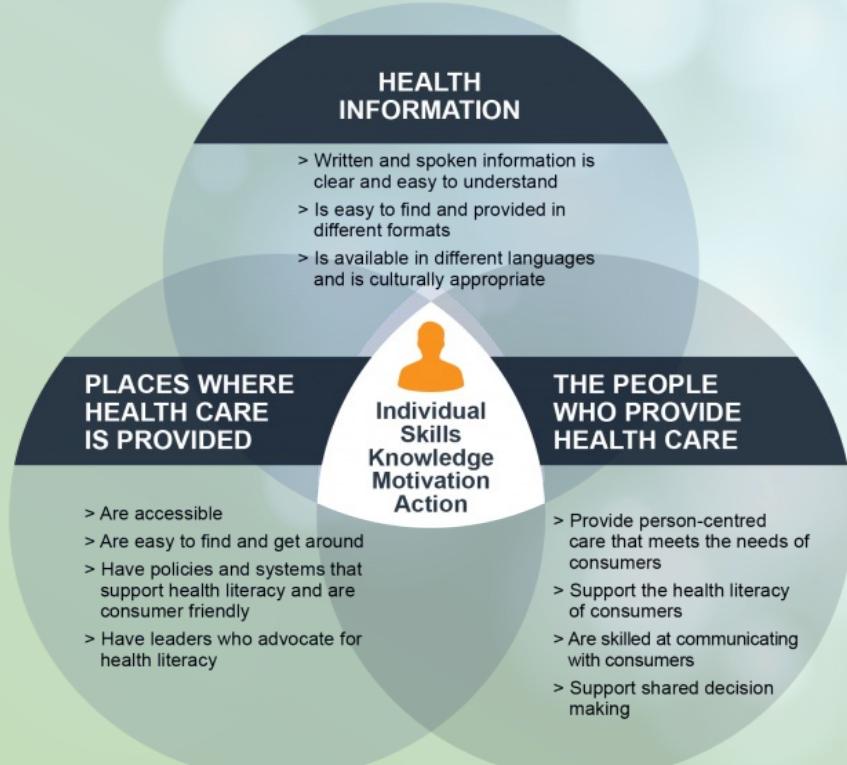
Carly A. Rodriguez, Alexander Winnett, Milagros Wong, Neha Krishnam, Nicole Ocasio Martínez, Lady J. Perez, Lenka Kolevic, Leonid Lecca & Molly F. Franke 

AIDS and Behavior 25, 1290-1298 (2021) | [Cite this article](#)

What do we need to do next?



Health literacy is individual and community



“We have to learn that people who can read may still be illiterate when it comes to understanding health-related information.

We see the ability to read as an indicator of functional health literacy but it's not.”



Health literacy as part of multilevel approaches

		Levels of Influence*			
Domains of Influence (Over the Lifecourse)	Individual	Interpersonal	Community	Societal	
	Biological	Biological Vulnerability and Mechanisms	Caregiver-Child Interaction Family Microbiome	Community Illness Exposure Herd Immunity	Sanitation Immunization Pathogen Exposure
	Behavioral	Health Behaviors Coping Strategies	Family Functioning School/Work Functioning	Community Functioning	Policies and Laws
	Physical/Built Environment	Personal Environment	Household Environment School/Work Environment	Community Environment Community Resources	Societal Structure
	Sociocultural Environment	Sociodemographics Limited English Cultural Identity Response to Discrimination	Social Networks Family/Peer Norms Interpersonal Discrimination	Community Norms Local Structural Discrimination	Social Norms Societal Structural Discrimination
	Health Care System	Insurance Coverage Health Literacy Treatment Preferences	Patient-Clinician Relationship Medical Decision-Making	Availability of Services Safety Net Services	Quality of Care Health Care Policies
	Health Outcomes	Individual Health	Family/ Organizational Health	Community Health	Population Health



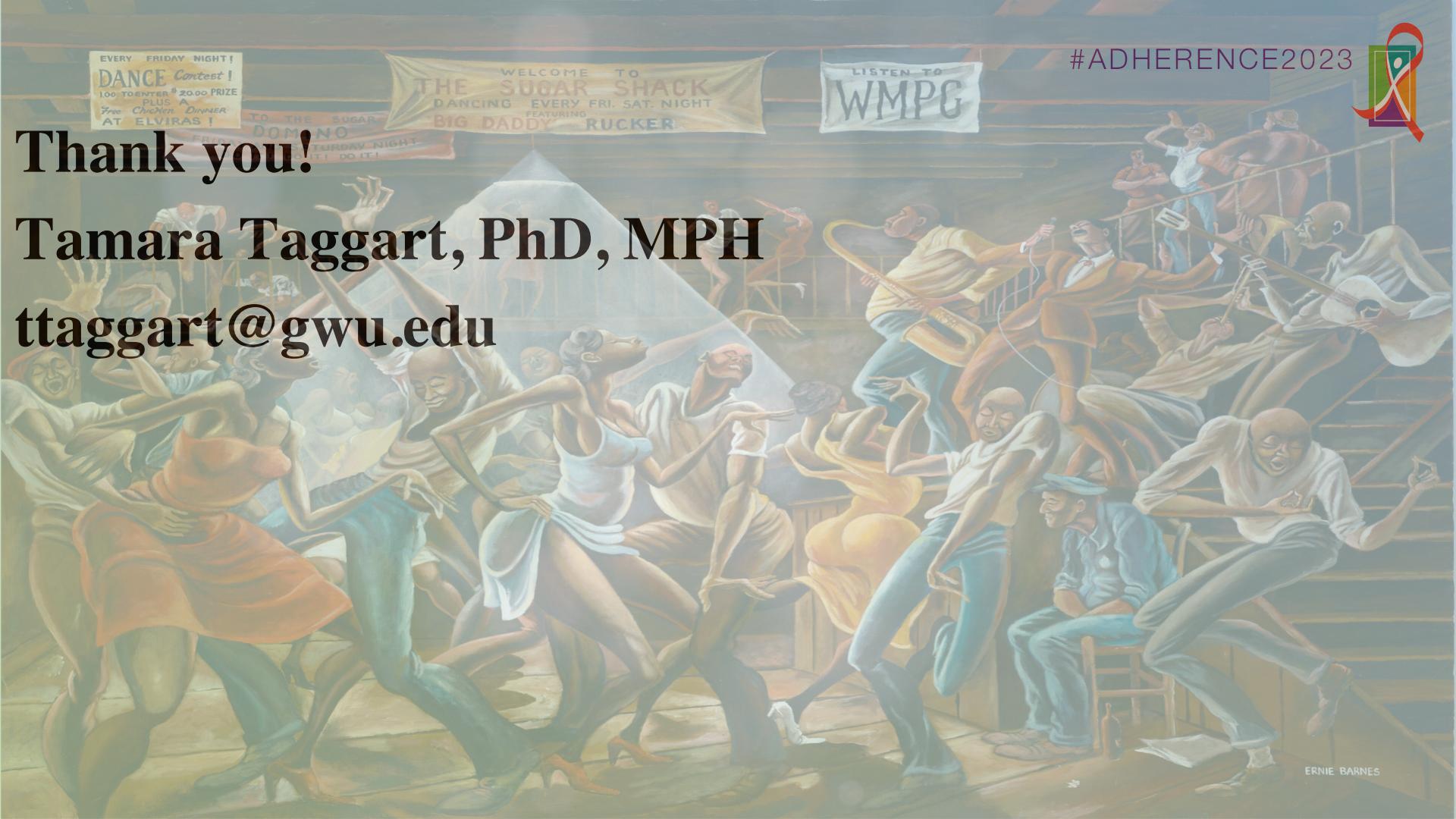
Health literacy and communication





Crowdsourcing to achieve equity in health messaging and literacy



A vibrant painting by Ernie Barnes depicting a lively jazz club scene. The foreground is filled with people dancing in a circle. In the center, a woman in a white dress is the focal point. To the right, a band is performing on a raised stage, with a man on a banjo and another on a guitar. The background features several signs: "EVERY FRIDAY NIGHT! DANCE Contest! 1.00 TO ENTER \$ 2000 PRIZE PLUS A Free Chicken Dinner AT ELVIRAS!", "TO THE SUGAR DOMINO TUESDAY NIGHT IT DO IT!", "WELCOME TO THE SUGAR SHACK DANCING EVERY FRI. SAT. NIGHT FEATURING BIG DADDY RUCKER", and "LISTEN TO WMPG".

#ADHERENCE2023



Thank you!

Tamara Taggart, PhD, MPH

ttaggart@gwu.edu