

*NIMHD Minority Health and Health Disparities Research Framework-Adapted to reflect historic and socio-cultural influences of the Puerto Rican population*

Domains of Influence	Levels of Influence			
	Individual	Interpersonal	Community	Societal
Biological	-Biological Vulnerability and Mechanisms	-Caregiver-Child Interaction -Family Microbiome	-Community Illness Exposure U.S. Navy presence in Vieques & Culebra Ashes from AES Plant Hazardous waste sites -Herd Immunity	-Sanitation Water quality -Immunization 85% in 35mo (2014) -Pathogen Exposure Dengue, Chikungunya, Zika, Leptospirosis, STI
Behavioral	-Health Behaviors -Coping Strategies Resilience Religion/Spirituality Communal bonds	-Family Functioning Extended family Women heads of household -School/Work Functioning	-Community Functioning Solidarity Community Councils	-Policies and Laws Puerto Rico Oversight, Management, and Economic Stability Act (PROMESA) Law Jones Act Civil Code
Physical/Built Environment	-Personal Environment	-Household Environment Deficient infrastructure Public housing Closed neighborhoods -School/Work Environment School closures Deficient infrastructure	-Community Environment Natural resources Social capital -Community Resources Tourism Local businesses Local non-governmental organizations	-Societal Structure Almost 50% live in poverty* Diaspora in U.S.
Socio cultural Environment	-Socio-demographics 20% less than 18 years 20% 65 years or more 60% 18-64 years old -Limited English English taught as a second language -Cultural Identity Boricua/ American citizens -Response to Discrimination Historical trauma Colonized mindset	-Social Networks Extended family Organized Communities -Family/Peer Norms -Interpersonal Discrimination	-Community Norms -Local Structural Discrimination	-Societal Norms -Societal Structural Discrimination Racism Classism Sexism Homophobia/Transphobia
Health Care System	-Insurance Coverage Mi Salud program Private insurance Medicare/Medicaid -Health Literacy -Treatment Preferences Focus on remedial instead of prevention medicine	-Patient-Clinical Relationship -Medical-Decision Making	-Availability of Services Migration of physicians Private practices Difficulty receiving referrals Community health centers -Safety Net Services Community Health Centers	-Quality of Care Health professional shortage Poorly coordinated care Long wait times -Health Care Policies Department of Health Law (1912)
Health Outcomes	Individual Health	Family/Organizational Health	Community Health	Population Health

