FIGURE 1. An adaptation of the National Institute on Minority Health and Health Disparities Research Framework for mental health disparities

		Individual Level	Interpersonal	Community	Societal
Domains of Influence	**Biological**	**Biological Vulnerability** (Genetics, Comorbidities, Disabilities, Temperament) **Biological Mechanisms** (Allostatic Load, Inflammatory Response, Telomere Attrition)	Maternal Food Insecurity Birth Injuries Caregiver-Child Interaction Mother-Child Microbiome Family Microbiome Intergenerational Stress Pathways	**Community Illness Exposure** (Infectious Disease Prevalence, Herd Immunity, Infection Control)	Early Exposure to Microbes Antibiotic Use Sanitation Immunization
	Behavioral	**Health Behaviors** Help-Seeking Behaviors Sleep Practices Substance Use **Coping Strategies**	**Family Functioning** (Family Cohesion, Exposure to Family Violence, Intergenerational Transmission of Trauma, Family Rejection) **School/Work Functioning** (Exposure to School/Work Violence/ Bullying, Lack of Employer-Provided Health Insurance or Sick Leave)	**Community Functioning** (Exposure to Community Violence, Lack of Community Cohesion, Limited Community Social Capital)	Mental Health Laws/Policies Criminalization of Mental Illness Criminal Justice Reform Environmental Justice Policies
	Physical/Built Environment	Personal Living Space Sleep Environment Access to Assistive Devices, Access to Technology	**Household Environment** (Exposure to Household Toxins, Household Size, Unstable Household Temperature, Lack of Healthy Food/Clean Water, Limited Internet Access) **School/Work Environment** (Exposure to Toxins, Lack of Healthy Food/Clean Water, Unsafe Equipment/Facilities)	**Community Environment** (Unsafe Public Facilities, Pollutants, High Population Density, Residential Segregation) **Community Resources** Healthy Food Options, Green Space, Education/ Job Opportunities, Transportation)	Governmental/Political Structures Labor/Workforce Structure Education System Criminal Justice System Housing/Public Housing System
	Socio-cultural Environment	**Sociodemographic Factors** (Limited English Proficiency, Educational Attainment, Employment Status, Criminal Justice History) **Individual Cultural Factors** (Cultural Identification, Acculturative Stress, Religious/Spiritual Beliefs and Practices) **Response to Discrimination** (Internalized Racism/Stigma, Racial/Ethnic/Cultural Pride, Stereotype Threat)	**Social Networks** (Peer Groups, Mentors/Role Models, Religious/Spiritual Organizations, Social Organizations) **Family/Peer Norms** (Family Role Expectations, Caregivers, Racial/Ethnic/Cultural Socialization, Historical Family Experiences) **Interpersonal Discrimination** (Organizational Racism/Stigma, Microaggressions, Hate Crimes)	**Community Norms** (Social Structures and Hierarchies, Community Traditions/Practices, Community Origins and History) **Community Structural Discrimination** (Public Stigma, Criminal Justice Profiling, Discriminatory Hiring Practices, Location of Environmentally Dangerous/ Unsafe Sites)	**Social Norms** (Mainstream/Dominant Attitudes, Mass Media, Societal Stereotypes) **Societal Structural Discrimination** (Cultural Discrimination, Public Stigma, Differential Sentencing Practices, Political Disenfranchisement, Legacy of Past Discriminatory Laws and Policies, Forced Disconnection from Traditional Practices)
	Health Care System	Insurance Coverage Mental Health Literacy Help-Seeking Behaviors Mental Health Treatment Preferences Mental Health Beliefs Use of Traditional/Alternative Medicine Past Treatment Experiences Medical Mistrust	Patient-Provider Relationship Medical Decision Making Collaborative Care Models Integrated Medicine Misdiagnosis Clinician Cultural Competence Clinician Bias Consumer Support Networks	Availability of Primary Care/ Specialty/Emergency Services Community Health Care Organization Relationship Public Mental Health Initiatives Availability of Remote/Virtual Mental Health Services Availability of Indigenous Mental Health Services	Quality of Mental Health Care/Services Mental Health Parity Cultural Bias in Diagnostic Criteria/Assessment Mental Health Provider Workforce Issues, Limited Availability of Mental Health Treatment in Specialty Settings
	Health Outcomes	**Individual Mental Health**	**Family/Organizational Mental Health**	**Neighborhood/Community/ Tribal Mental Health**	**Population Mental Health**