SAAM REVIEW COURSE 2023

Prevention and Public Health: From Theory to Practice

Amesika N. Nyaku, MD, MS Assistant Professor Rutgers New Jersey Medical School Co-Director Northern New Jersey Medication Assisted Treatment Center of Excellence Jersey City, NJ





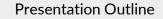


Financial Disclosure

Amesika Nyaku, MD, MS
• No relevant disclosures

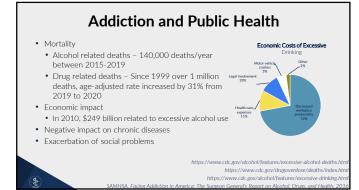






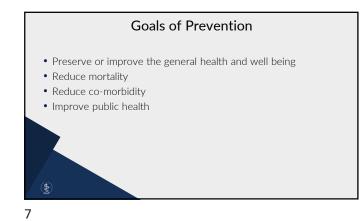
- Scope of substance use on public health
- Commonly used public health frameworks of prevention
- Evidence informed prevention interventions

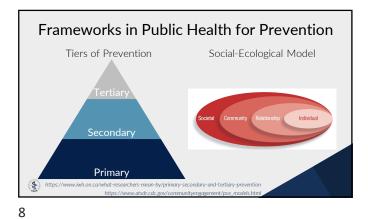
4

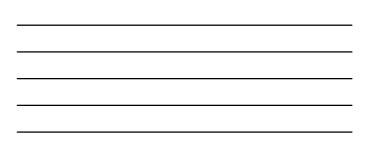


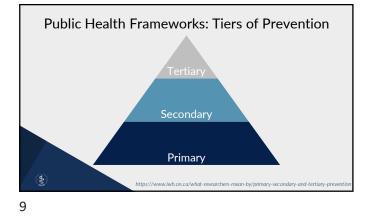




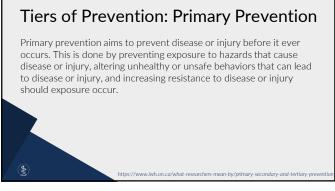






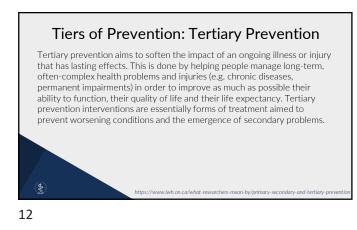


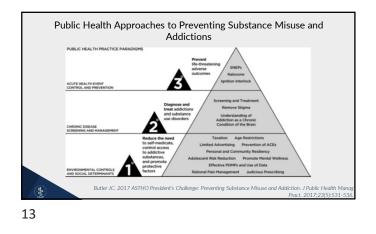


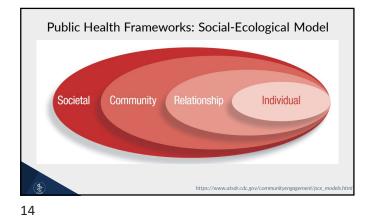


10

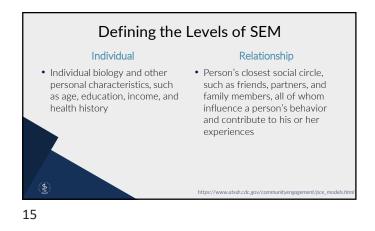






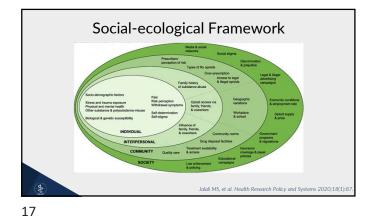








16





Health, Rights, and Drugs UNAIDS 20

Environmental prevention	Limit opportunities for unhealthy or risky behavior or promote the availability of healthier options in order to prevent problems associated with substance use. They do so by altering the environment in ways that can unconsciously influence behavior.
Demand reduction	Preventing the uptake and/or delaying the onset of use of alcohol, tobacco and other drugs; reducing the misuse of alcohol, tobacco and other drugs in the community and supporting, people to recover from dependence through evidence- informed treatment
Supply reduction	Preventing, stopping, disrupting or otherwise reducing the production and supply of illegal drugs; and controlling, managing and/or regulating the availability of legal drugs.

19

Environmental Interventions

Actions to minimize future hazards to health and hence inhibit the establishment factors (environmental, economic, social, behavioral, cultural) known to increase the risk of disease

Examples related to drug use with some evidence base

- Purchase laws
- Price controls
- Restrictions on retail/density
- Controls on advertising

Center for Substance Abuse Prevention (CSAP), 1999. Environmental prevention strategies: Putting theory into practice, training and resource guide. Rockville, MD: National Clearinghouse for Alcohol and Drug Information.

20

\$

Demand Reduction

Preventing the uptake and/or delaying the onset of use of alcohol, tobacco and other drugs; reducing the misuse of alcohol, tobacco and other drugs in the community and supporting people to recover from dependence through evidence- informed treatment

- Criminal sanctions for possession/use
- Drug treatment (coerced and voluntary)
- Drug education and persuasion
- Drug testing and noncriminal sanctions
- National Research Council. Informing America's Policy on Illegal Drugs: What We Don't Know Keeps Hurting Us [Internet]. Washington, D.C.: National Academies Press; 2001





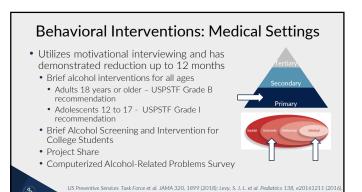








26

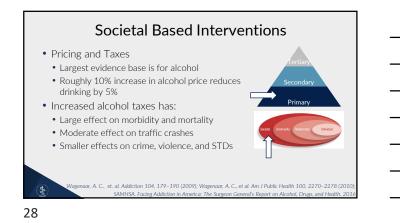


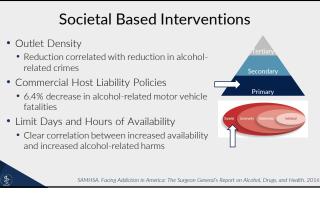
Behavioral Interventions: Community Based Communities that Care (CTC) Community stakeholders assessed and prioritized which evidence-based interventions were needed to be implemented for their middle/high school kids Had lower alcohol and tobacco initiation rates PROmoting School-community-university Partnerships to Enhance Resilience (PROSPER) Collaborative that implemented family strengthening and school based behavioral interventions Had lower marijuana, methamphetamine, inhalant, and prescription opioid use

SAMHSA. Facing Addiction in America: The Surgeon General's Report on Alcohol, Drugs, and Health. 201



\$

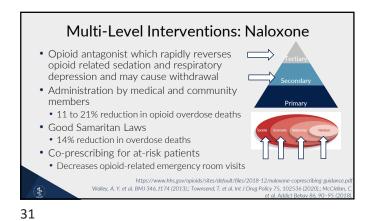


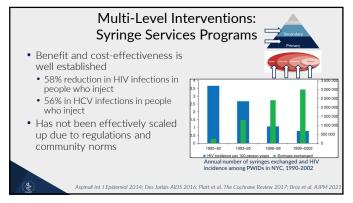




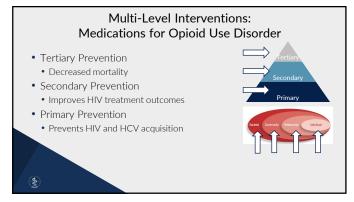


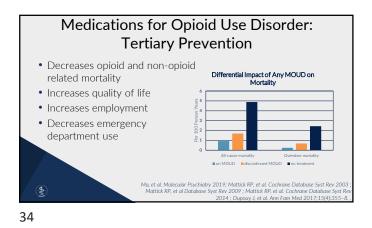




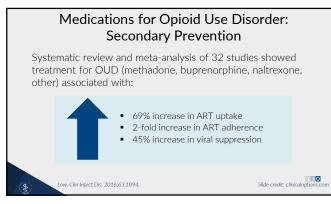


32

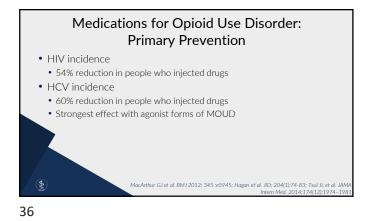




	_



35





Public health prevention interventions for drug use

- Utilize a tiered approached to prevention that considers the individual, interpersonal dynamics, community settings, and societal aspects
- Has a well-established body of evidence-based interventions
- Requires ongoing scale up and systematic monitoring

) 37



