

BOOTH 1: ALCOHOL, TOBACCO, AND OTHER DRUGS

Drug use and addiction represent major public health challenges in our nation. In 2014 alone, more than 47,000 Americans died as a result of an unintentional drug overdose*, and the past few years have seen rapid increases in babies born with neonatal abstinence syndrome, an unprecedented outbreak of HIV, an increasing prevalence of hepatitis C, and new synthetic drugs flooding the market. The combined consequences of drug use and addiction take an enormous toll, creating individual suffering, lost productivity, and stress and heartache for family and friends. The last few years have seen tremendous advances in technologies with applications in research, including gene sequencing and manipulation, increasingly sensitive imaging technologies, mobile health tools, and electronic health records. A shift in culture is promoting open access and data sharing to allow diverse data sets to be broadly accessible to researchers. Advances in information technologies and analytics capabilities are producing unprecedented capacity to integrate and analyze these data and enabling novel research into the complexity of a disorder that is driven by the dynamic interactions of diverse biological, social, environmental, and behavioral mediators. *NIDA

Presenter student from:



BOOTH 2: CHRONIC DISEASES

Chronic diseases are defined broadly as conditions that last 1 year or more and require ongoing medical attention or limit activities of daily living or both. Six in ten Americans live with at least one chronic disease, like heart disease and stroke, cancer, or diabetes. These and other chronic diseases are the leading causes of death and disability in America, and they are also a leading driver of health care costs. *CDC

Presenter students from:



Alcorn
State University



BOOTH 3: MENTAL HEALTH AND DISORDER

Mental health includes our emotional, psychological, and social well-being. It affects how we think, feel, and act. It also helps determine how we handle stress, relate to others, and make healthy choices.¹ Mental health is important at every stage of life, from childhood and adolescence through adulthood.

Although the terms are often used interchangeably, poor mental health and mental illness are not the same things. A person can experience poor mental health and not be diagnosed with a mental illness.

Likewise, a person diagnosed with a mental illness can experience periods of physical, mental, and social well-being. *CDC

Presenter students from:



BOOTH 4: NUTRITION AND WEIGHT STATUS

The key to achieving and maintaining a healthy weight isn't about short-term dietary changes. It's about a lifestyle that includes healthy eating, regular physical activity, and balancing the calories you consume with the calories your body uses. Managing your weight contributes to good health now and as you age.

Safe ways to help manage your weight include getting optimal sleep, reducing stress, and maintaining healthy eating habits and regular physical activity. This includes eating more fruits and vegetables and walking more in your daily routine.

BOOTH 5: PHYSICAL DISABILITIES

According to the World Health Organization, disability has three dimensions:

Impairment in a person's body structure or function, or mental functioning; examples of impairments include loss of a limb, loss of vision or memory loss.

Activity limitation, such as difficulty seeing, hearing, walking, or problem solving.

Participation restrictions in normal daily activities, such as working, engaging in social and recreational activities, and obtaining health care and preventive services.

Disability can be related to conditions that are present at birth and may affect functions later in life, including cognition (memory, learning, and understanding), mobility (moving around in the environment), vision, hearing, behavior, and other areas. *CDC

Presenter students from:



BOOTH 6: SOCIAL DETERMINANTS OF HEALTH

A growing body of research shows that centuries of racism in this country has had a profound and negative impact on communities of color. The impact is pervasive and deeply embedded in our society—affecting where one lives, learns, works, worships and plays and creating inequities in access to a range of social and

economic benefits—such as housing, education, wealth, and employment. These conditions—often referred to as social determinants of health—are key drivers of health inequities within communities of color, placing those within these populations at greater risk for poor health outcomes. *CDC

Presenter students from:



BOOTH 7: RAISE YOUR VOICE – CAST YOUR VOICE

Please share your voice in regard to the MSRS event, suggestions, ideas, and perspective to amplify the glows and grows.

BOOTH 8: The *All of Us* RESEARCH HUB

The *All of Us* Research Program, part of the National Institutes of Health, is building one of the largest biomedical data resources of its kind. This booth features information about the *All of Us* Research Hub, which stores health data from a diverse group of participants from across the United States. Approved researchers can access *All of Us* data and tools to conduct studies to help improve our understanding of human health. The diverse data may help facilitate new studies that could help lead to new insights, treatments, and strategies for disease prevention that are tailored to individuals.

Presenting organization:



BOOTH 9: NATIONAL COMMUNITY ENGAGEMENT PARTNERS (NCEP)

The *All of Us* National Community Engagement Partners serve diverse communities and help interested individuals learn about the program, join, and stay engaged in the program. Some of our partners also engage and educate health care professionals and researchers about the program.

Presenting organizations:



BOOTH 10: DELTA RESEARCH AND EDUCATIONAL FOUNDATION (DREF)

DREF, in collaboration with Delta Sigma Theta Sorority, Inc. (DST) and the National Council of Negro Women (NCNW), is conducting a national health initiative entitled “Research Matters: Creating Possibilities to Achieve Health and Wellness for All of Us.” The initiative is made possible by the National Institutes of Health (NIH) All of Us Research Program. The three collaborative partners: DREF, DST, and NCNW will join forces to implement a community engagement initiative that will lead to closing the health disparity gap. We are confident that our efforts will result in paradigm shifts that will render generational impact on the health and wellness of African Americans.

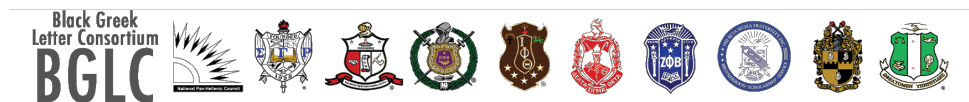
Presenting organizations:



BOOTH 11: BLACK GREEK LETTER CONSORTIUM (BGLC)

The Black Greek Letter Consortium (BGLC) is one of many Community Provider Gateway Initiatives (CPGI) within the program comprised of 9 groups: NPHC, Alpha Phi Alpha Fraternity, Inc., Alpha Kappa Alpha Sorority, Inc, Kappa Alpha Psi Fraternity, Inc, Omega Psi Phi Fraternity Inc., Phi Beta Sigma Fraternity, Inc., Zeta Phi Beta Sorority, Inc., Sigma Gamma Rho Sorority, Inc., Iota Phi Theta Fraternity, Inc. These historically Black Fraternities and Sororities support the *All of Us* Research Program's mission to advance health equity for those considered underrepresented in biomedical research.

Presenting organizations:



BOOTH 12: PYXIS PARTNERS

Pyxis Partners works at the intersection of policy, advocacy, and engagement. We believe in engaging diverse communities in research. Pyxis Partners works as the engagement awardee to the All of Us Research Program to ensure that the participant community that is being built is reflective of the diversity of our country.

Presenting organization:



BOOTH 13: *All of Us* SOUTHERN NETWORK

The *All of Us* Southern Network is working with the National Institutes of Health (NIH) and the All of Us Research Program to help build one of the most diverse health databases in history. *All of Us* is seeking one million or more people from across the U.S. By doing so, it hopes to one day help speed up medical research. People who join will share information about their health, habits, and what it's like where they live. By looking for patterns, researchers may learn more about what affects people's health.

Presenting organization:

**BOOTH 14: HELA100**

Say her name, Henrietta Lacks. Mother of Modern Medicine. Wife. Mother. Friend. She is the one who became immortal. Her descendants have uplifted herstory and promoted her contributions to the world for decades. As they honor Henrietta Lacks' centennial year, her Family stands ready to collaborate to spread their positive message, ensuring that Henrietta Lacks' contributions to humanity are never forgotten. No longer a hidden figure, they reclaim these miraculous cells' origin by attributing HeLa cells to Henrietta. They truly appreciate everyone who has taken time to learn about Henrietta Lacks, their Family, and her HeLa cells as they lead the effort to "reclaim their story," moving from victims to victors with a proud family heritage.

HELA UNITE: Reclaiming Our Story to Conquer COVID-19 by honoring Henrietta Lacks' legacy through a collaborative digital education and outreach program to increase vaccine confidence and equity. To reclaim Henrietta Lacks' story during her centennial year, The Lacks Family is uniting to overcome historical injustices through action.

Presenting organization:

**BOOTH 15: NETWORK OF THE NATIONAL LIBRARY OF MEDICINE (NNLM)**

The National Library of Medicine (NLM), on the campus of the National Institutes of Health in Bethesda, Maryland, has been a center of information innovation since its founding in 1836. The world's largest biomedical library, NLM maintains and makes available a vast print collection and produces electronic information resources on a wide range of topics that are searched billions of times each year by millions of people around the globe. It also supports and conducts research, development, and training in biomedical informatics and health information technology. In addition, the Library coordinates a 6,500-member

Network of the National Library of Medicine that promotes and provides access to health information in communities across the United States.

Presenting organization:



BOOTH 16: WINSTON-SALEM STATE UNIVERSITY – PROJECT REACH

Project REACH (Research Engagement Addressing Community Health) is a 15-week virtual faculty-mentored undergraduate research project designed to provide opportunities to expose HBCU minority undergraduates to health equity research.

The Project REACH/All of Us R.A.P. Sessions were designed to provide education and awareness about the limitless possibilities of research and the overarching role research plays in closing the health disparities gap.

The Health Equity Seminars were strategically designed to provide the undergraduate researchers a better understanding of the social determinants of health (SDOH) and the role they play in the deterioration of neighborhoods and communities as it relates to inequities. Six seminars were conducted to increase awareness of both the non-medical factors and the "upstream" SDOH factors such as racial discrimination, social disadvantage, risk exposure and social inequities that contribute to poor health outcomes.

Presenting organization:

