

National Advisory Council on Minority Health and Health Disparities Director's Report

September 13, 2016

Eliseo J. Pérez-Stable, M.D.

Director, NIMHD



National Institute
on Minority Health
and Health Disparities

NIH News



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Joshua A. Gordon, M.D., Ph.D., named director of the National Institute of Mental Health

- **Dr. Gordon joins NIH in September to lead NIMH's research agenda to improve mental health and treatment for mental illnesses.**
- **Previously associate professor of psychiatry at Columbia University Medical Center, research psychiatrist at the New York State Psychiatric Institute, and associate director of the Adult Psychiatry Residency Program.**
- **Research work is on neural activity in mice carrying mutations of relevance to schizophrenia, anxiety disorders and depression.**



"Josh is a visionary psychiatrist and neuroscientist with deep experience in mental health research and practice...We're thrilled to have him join the NIH leadership team." –

Dr. Francis S. Collins, NIH Director



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Diana W. Bianchi, M.D., named director of the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development



- ' Dr. Bianchi will join NIH October 30 to oversee research on pediatric health and development, maternal health, medical rehabilitation, population dynamics, reproductive health, and intellectual and developmental disabilities.
- ' Founding executive director of the Mother Infant Research Institute and vice chair for pediatric research at the Floating Hospital for Children and Tufts Medical Center. She is Professor of Pediatrics and Obstetrics and Gynecology at Tufts University School of Medicine.
- ' Her research has focused on prenatal genomics to advance noninvasive prenatal DNA screening and diagnosis for new prenatal treatments for genetic disorders.

“Diana’s accomplishments as a prenatal geneticist, along with her leadership, clinical and research experience in both pediatrics and obstetrics, make her ideally suited to lead NICHD.” – Dr. Francis S. Collins, NIH Director



NIH Precision Medicine Initiative Update

PMI Cohort Program Kickoff Meeting, July 6-8, 2016

- All awardees were convened to present and discuss the overall PMI Cohort Program consortium goals, aims, and integration among the components.
- A key output of this meeting was the implementation plan outlining the path toward a nationwide launch.
- NIH collaborated with HRSA to select six FQHCs which are community-based Health Provider Organizations (HPOs) that reach underserved areas and populations.
- This award supports a pilot program to determine infrastructure needs that will enable a wide variety of FQHCs to participate as HPOs.
- Special Attendees at the meeting: In addition to Dr. Francis Collins, NIH Director, and awardees – Sylvia Mathews Burwell, U.S. Secretary of Health & Human Services, provided remarks.



Federally Qualified Health Centers Attend PMI Cohort Program Kickoff Meeting, July 6-8, 2016



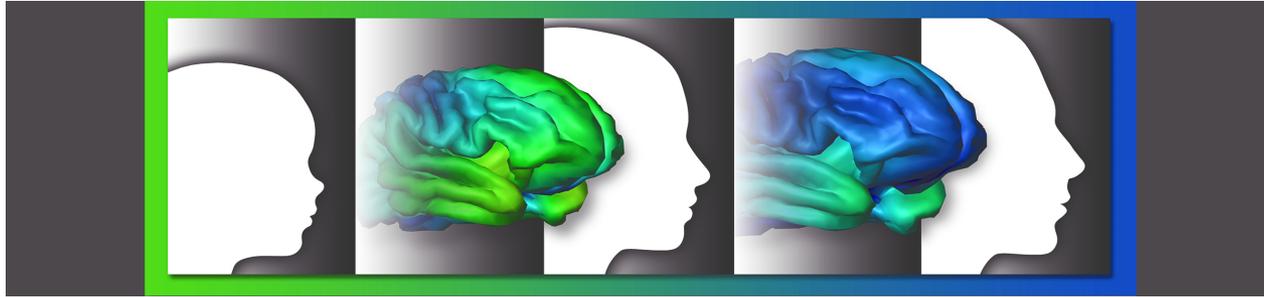
Cherokee Health Systems, Knoxville, Tennessee
Community Health Center, Inc. Middletown, Connecticut
Eau Claire Cooperative Health Center, Columbia, South Carolina
Hudson River Health Care (HRHCare), Peekskill, New York
Jackson-Hinds Comprehensive Health Center, Jackson, MS
San Ysidro Health Center, San Ysidro, California



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Adolescent Brain Cognitive Development Study Launch: September 13, 2016



Enrolling >10,000 healthy children and following them from ages 9-10 through their teens and into early adulthood. About 50% are expected to be from race/ethnic minorities. School-based sampling plus twin registries

Designed to increase our understanding of environmental, social, and genetic factors relevant to brain and cognitive development, in order to inform mental health and substance abuse prevention and treatment and other public health strategies

NIDA, NIAAA, NCI, NICHD, **NIMHD**, NIMH, NINDS, OBSSR, CDC



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ABCD Study Hill Briefing

September 19, 2016

Brain Development and Our Kids' Future the Adolescent Brain Cognitive Development (ABCD) Study

A Congressional Briefing Sponsored by

The Friends of the National Institute on Alcohol Abuse and Alcoholism and
the Friends of the National Institute on Drug Abuse

In cooperation with

The Addiction, Treatment, and Recovery Caucus

Monday, September 19, 2016, 12:00 - 1:30 PM (lunch will be available)
Rayburn House Office Building, Gold Room (2168)

Adolescence is a time of extraordinary physical, emotional, and intellectual growth. It is also a period of increased vulnerability when risky behaviors, such as use of alcohol, nicotine, marijuana and other drugs, emerge as youth attempt to navigate an increasingly complex world. Yet, there is much we do not understand about how individual childhood experiences (e.g., exercise and sports, videogames, unhealthy sleep patterns, substance exposure, etc.) influence development and either promote or interfere with long-term cognitive, behavioral and physical health outcomes. The

Speakers:

Sandra Brown, PhD, UCSD, Co-Director ABCD Study Coordinating Center

Thomas Brock, PhD, Commissioner of the National Center for Education Research at the Institute of Education Sciences

Sharon Levy, MD, MPH, Director, Adolescent Substance Use Disorders Program, Boston Children's Hospital

Kevin Gray, MD, Director, Child and Adolescent Psychiatry, Medical University of South Carolina

NIDA Director Nora Volkow, MD, and NIAAA Director George Koob, PhD, are discussants.

Representatives of other NIH Institutes and Centers will be available to participate in Q & A that results from the presentations. Regina James, MD, will represent NIMHD to share views on the importance of a diverse cohort.



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HHS Office for Civil Rights in Action



August 18, 2016

Federal Agencies Issue Joint Guidance to Help Emergency Preparedness, Response and Recovery Providers
Comply with Title VI of the Civil Rights Act

Sponsors: Departments of Health and Human Services, Justice, Housing and Urban Development, Homeland Security and Transportation

Purpose: To help ensure that recipients of federal financial assistance do not discriminate against individuals and communities on the basis of race, color or national origin when providing emergency preparedness, response and recovery services.

Title VI of the Civil Rights Act of 1964 prohibits discrimination on the basis of race, color or national origin in federally funded programs or activities. Discrimination in a recipient's emergency planning, response and recovery activities violates Title VI of the Civil Rights Act of 1964.



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Gender, Race/Ethnicity, and National Institutes of Health R01 Research Awards: Is There Evidence of a Double Bind for Women of Color?

“...bias and racial stereotypes may affect application review outcomes for investigators of color.”

“Policies to encourage women to submit revised and additional grant proposals would likely increase the number of women of color receiving NIH funding.”

Research Report

Gender, Race/Ethnicity, and National Institutes of Health R01 Research Awards: Is There Evidence of a Double Bind for Women of Color?

Donna K. Ginther, PhD, Shulamit Kahn, PhD, and Walter T. Schaffer, PhD

Abstract

Purpose

To analyze the relationship between gender, race/ethnicity, and the probability of being awarded an R01 grant from the National Institutes of Health (NIH).

Method

The authors used data from the NIH Information for Management, Planning, Analysis, and Coordination

and probit models to determine the relationship between gender, race/ethnicity, degree, investigator experience, and R01 award probability, controlling for a large set of observable characteristics.

Results

White women PhDs and MDs were as likely as white men to receive an R01 award. Compared with white women,

only one application between 2000 and 2006.

Conclusions

Differences by race/ethnicity explain the NIH funding gap for women of color, as white women have a slight advantage over men in receiving Type 1 awards. Findings of a lower submission rate for women and an increased likelihood that they will submit only one proposal

Published in *Academic Medicine*, August 2016 – Volume 91 – Issue 8 – 1098-1107.

PMID: [27306969](https://pubmed.ncbi.nlm.nih.gov/27306969/)



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Other NIH Issues

- **Cancer Moonshot Recommendations**
- **Established Sexual Gender Minority Office**
- **Tribal Affairs Office**
- **DHHS signed agreement with Cuba's Ministry of Health on research collaboration**
- **Clinical Genetics Summit – Cuban scientist**
- **Definitions of Minority Health, Health Disparities, Inclusion, Diversity**



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NIMHD News



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Legislative and Budget Updates



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NIMHD Outreach and Legislative Activities



On September 8, 2016, Dr. Eliseo J. Pérez-Stable participated in the University of Maryland's (UMD) Research on the Hill “Achieving Health Equity: From Disparities Research to Action,” which was co-sponsored by Congressman John Sarbanes (D-MD).

Panel discussion with Nadine Gracia, MD (OMH), **Julia Huggins**, president, Cigna Healthcare Mid-Atlantic, **Dr. Margo Edmunds**, vice president, AcademyHealth, **Dr. Kola Okuyemi**, director, Program in Health Disparities Research, Univ. Minnesota., **Dr. Patrick O’Shea**, vice president for research, UMD, and **Dr. Stephen B. Thomas**, director, Center for Health Equity School of Public Health, UMD) with **Rep. Steny Hoyer (D-MD)**, **Rep. John Sarbanes (D-MD)**,



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Appropriations Update

- **On July 14, 2016, the House Appropriations Subcommittee on Labor, HHS, Education reported out the FY2017 Labor, HHS, Appropriation bill.**
 - **The U.S. House proposed budget for NIMHD in FY 17 is \$286,446,000, which is \$5.8 million or 2% over the FY16 enacted level.**
- **On June 9, 2016, the Senate Appropriations Committee marked up and reported out the Labor, Health and Human Services, Education, and Related Agencies Appropriations Act for Fiscal Year 2017. The bill would give NIH a \$2 billion boost over FY2016, from \$32.084 billion to \$34.084 billion.**
 - **The Senate's proposed budget for NIMHD in FY17 is \$292,323,000, an increase of more than \$11 million over the FY16 level and the President's budget request.**
- **Continuing Resolution for 3 or 6 months being discussed**



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Congressional Bill of Interest

On June 14, 2016, Representative Robin Kelly (D-IL) introduced [H.R. 5475](#), The Health Equity and Accountability Act of 2016. If enacted, the bill would:

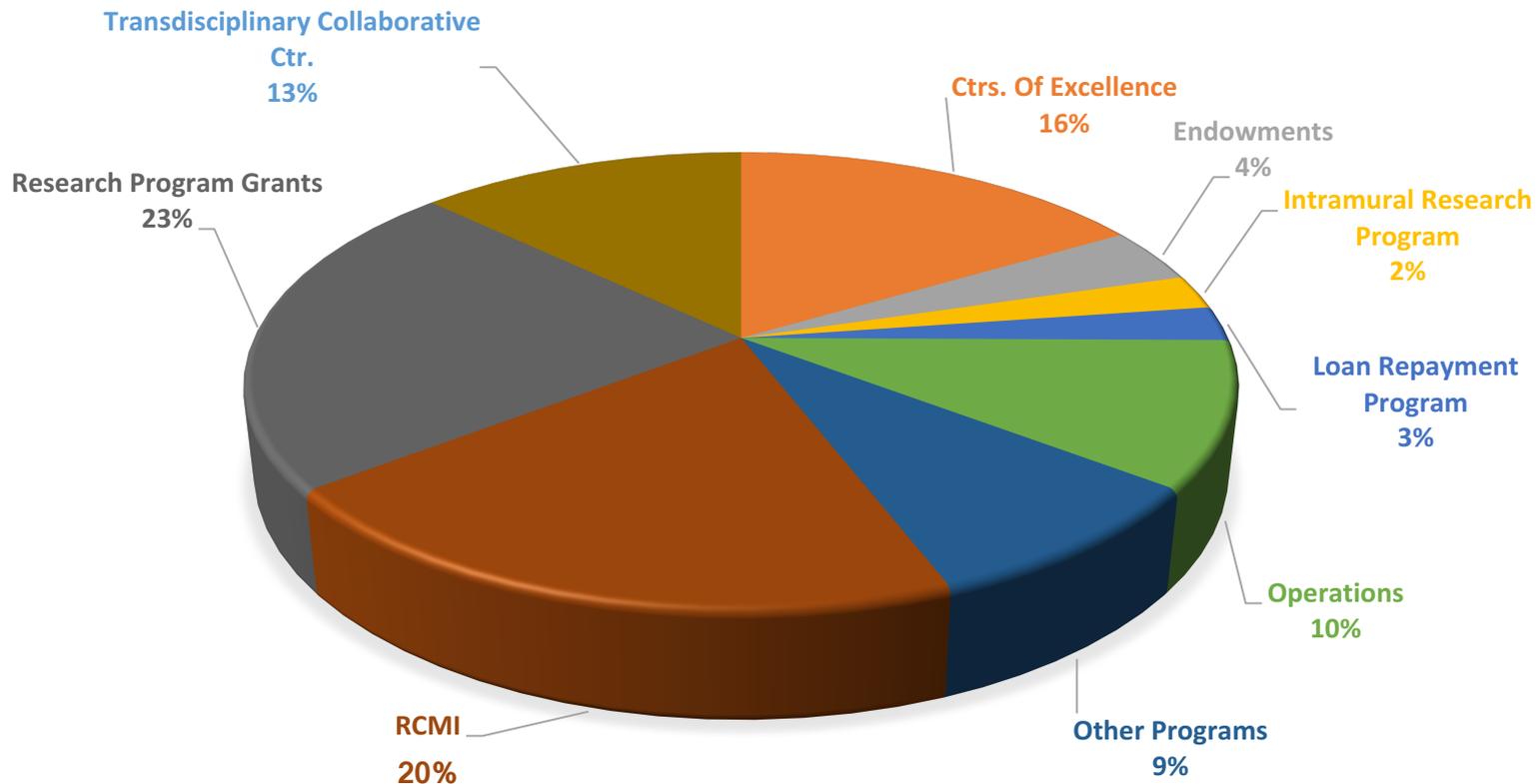
- ' Direct NIH to pursue research into various areas of minority health and health disparities, including lung cancer mortality, SIDS/SUID, prostate cancer, viral hepatitis and liver cancer, bone marrow failure diseases, oral health, HIV, diabetes, asthma education and prevention, and sleep and circadian rhythm disorders.
- ' The bill also includes reporting provisions related to NIMHD's expanded planning, coordinating, review, and evaluation authority, as well as an annual report on NIMHD activities.



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FY 2016 Funding Distribution by Percent of Budget (\$280 M)



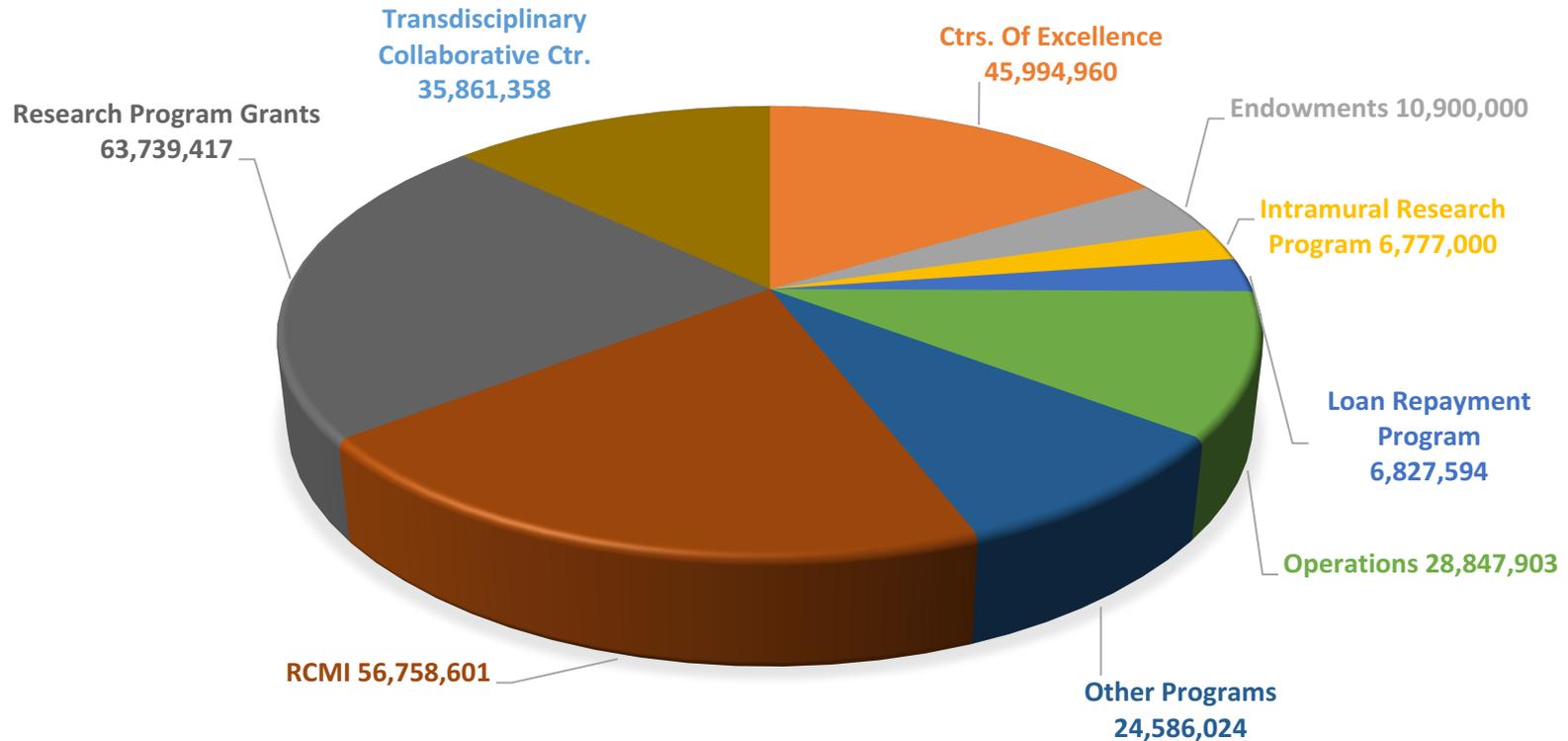
Other Programs include: MHIRT, Training, SBIR/STTR, Co-op Agreements, Science Education, MEPI, DREAM, Ctrs. for AIDS R&D and Developmental Ctrs. for AIDS Res. Also, Taps: Assessments to support the NIH infrastructure (\$6M).



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FY 2016 Funding Distribution by Dollars (\$280M)



Other Programs include: MHIRT, Training, SBIR/STTR, Co-op Agreements, Science Education, MEPI, DREAM, Ctrs. for AIDS R&D and Developmental Ctrs. for AIDS Res. Also, Taps: Assessments to support the NIH infrastructure (\$6M).



New Precision Medicine Research to Focus on Health Disparities

NEWS RELEASES

Thursday, July 28, 2016

NIH funds precision medicine research with a focus on health disparities



The National Institute on Minority Health and Health Disparities (NIMHD), part of the National Institutes of Health, has committed approximately \$50 million over five years, pending available funding, to launch a new program for Transdisciplinary Collaborative Centers (TCCs) for health disparities research exploring the potential for precision medicine to promote health equity and advance the science of minority health and health disparities.

Priority research areas for NIMHD's precision medicine initiative include:

- Development of new tools and analytic methods for integrating patient data with information about contextual factors acting at the community or population level to influence health outcomes
- Development of pharmacogenomic and other precision medicine tools to identify critical biomarkers for disease progression and drug responses in diverse populations
- Translation of pharmacogenomic discoveries into clinical practice including effective treatments
- Investigation of facilitators and barriers to implementing precision

“Ultimately, the TCCs will generate new knowledge about precision medicine that resonates from the community level to the national population level.”

—Dr. Eliseo J. Pérez-Stable, Director, NIMHD

Funded Institutions

- ' Vanderbilt University, TN
- ' Stanford University, CA
- ' Medical University of South Carolina, Charleston
- ' Yale University, CT
- ' Northwestern University, IL

“Ultimately, the Precision Medicine Transdisciplinary Collaborative Centers will generate new knowledge about precision medicine that resonates from the community level to the national population level.”

—Dr. Eliseo Pérez-Stable, NIMHD director



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New Transdisciplinary Collaborative Research on Health Disparities of Chronic Diseases

NEWS RELEASES

Wednesday, August 24, 2016

NIH establishes new research program to address health disparities of chronic diseases



The National Institute on Minority Health and Health Disparities (NIMHD), part of the National Institutes of Health, is launching the Transdisciplinary Collaborative Centers (TCC) for Health Disparities Research on Chronic Disease Prevention program. This program responds to the need for more robust, ecological approaches to address chronic diseases among racial and ethnic minority groups, under-served rural populations, people of less privileged socio-economic status, along with groups subject to discrimination who have poorer health outcomes often attributed to being socially disadvantaged. Two centers will focus their research efforts on development, implementation, and dissemination of community-based, multilevel interventions to combat chronic diseases such as heart disease, cancer and diabetes. The centers will share approximately \$20 million in funding over five years, pending available funds.

Where people live, work and play has significant impact on the development and progress of chronic diseases and conditions. The new TCC program looks beyond individual behavioral risk factors to engage the family, community, healthcare systems, and policy impacts that also affect one's health.

"Multilevel interventions that take into account complex interactions between individuals and their environments can better address determinants of health and enhance chronic disease prevention and health promotion for local communities," said NIMHD Director Dr. Eliseo J. Pérez-Stable. "Studies in these centers will add to our knowledge of what works in health disparities populations, thus advancing knowledge towards our nation's health."

Heart disease, stroke, cancer, diabetes, and arthritis are among the most common, costly and preventable of all health problems. Many of these conditions disproportionately affect health disparity populations and in advanced stages can lead to significant limitations in activities of daily living. According to the Centers for Disease Control and Prevention, seven of the

"Studies in these centers will add to our knowledge of what works in health disparities populations, thus advancing knowledge towards our nation's health."

— Dr. Eliseo J. Pérez-Stable, Director, National Institute on Minority Health and Health Disparities (NIMHD)

Funded Institutions

- ' Washington State University, Pullman
- ' Michigan State University, East Lansing/Flint

"Involving different stakeholders and ensuring community engagement, the new TCC program will create synergized methods to build a healthy community for health disparity populations."

– Dr. Xinzhi Zhang, NIMHD scientific program officer



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Grantee Noteworthy

Dr. Marjorie Mau First Native Hawaiian Recognized “Master” Physician by the American College of Physicians

Marjorie K. Mau, MD, MS, MACP

Principal Investigator and Director, Center for Native and Pacific Health Disparities Research
Myron P. Thompson Endowed Chair for Native Hawaiian Health
Professor, Department of Native Hawaiian Health, John A. Burns School of Medicine, University of Hawaii



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NIMHD Events



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NIMHD Health Disparities Research Institute

August 15-19, 2016

NIH Campus, Bethesda, MD

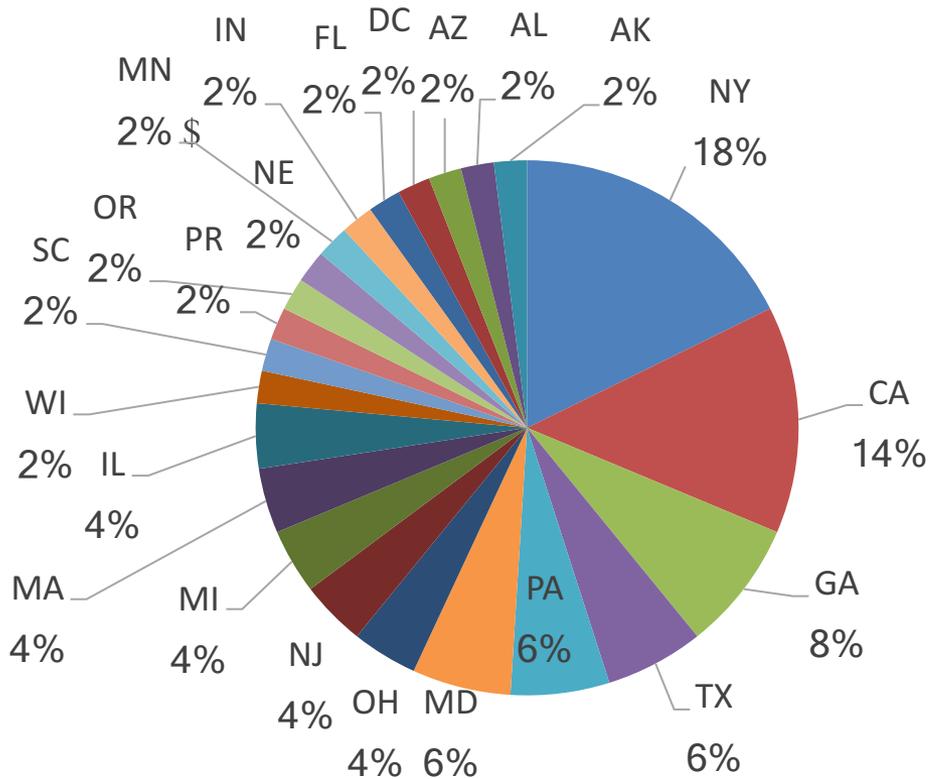


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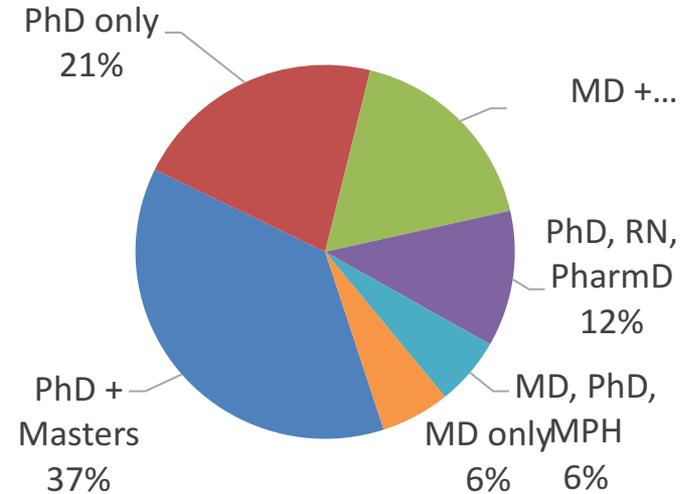


Scholars at the NIMHD Health Disparities Research Institute 2016

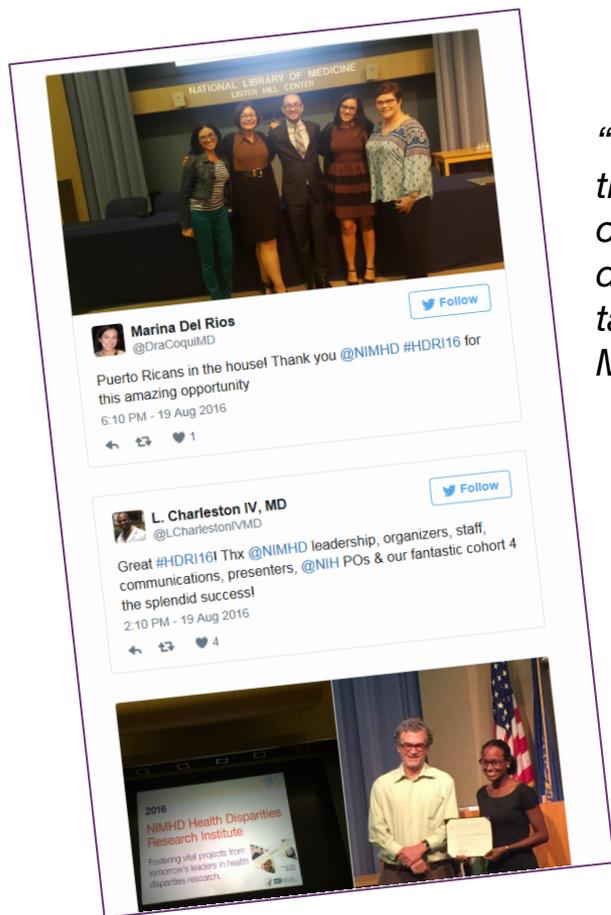
HDRI 2016 Cohort (Home States)



HDRI 2016 Cohort (Degrees)



NIMHD Health Disparities Research Institute 2016: Stories



“I’m really excited to be giving this course this year, I think we have an amazing group of scholars. We need traction at the level of disparities and these are the people that can take the baton and move us forward.” – Margarita Alegria, Ph.D. (Faculty)

“The presentation today [by Dr. Michele Evans] was reassuring because it’s going beyond just the basic research science, but relates to clinical relevance, specifically for minority and African American women. I see this commonly in my patients and it’ll help me care better for them.” – Renaisa Anthony, M.D., MPH (Scholar)



The National Native American Youth Initiative visits NIH July 7-8, 2016

A two-day, trans-NIH conference held for the National Native American Youth Initiative (NNAYI) in Biomedical Research

“Biomedical research careers can serve as a contributor to advancing the elimination of health disparities among racial and ethnic minority populations and communities.

The observations and compelling reasons for pursuing biomedical research careers that were shared during the NIH visit will resonate with students as they prepare for college and future professional pursuits.” – Dr. DeLoris Hunter, senior program manager and NIMHD-NNAYI Program Chair/Coordinator



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Promoting NIMHD Vision and Agenda

- **FDA lecture at Office Minority Health**
- **AAMC Mid-Career Faculty Development**
- **Academy Health Annual Meeting Plenary**
- **Fogarty Scholars/Fellows at NIH**
- **NHLBI Workshop on Personalized Medicine in Hispanic Health**
- **Latino Cancer Summit — SF**
- **NIA Workshop on functional impairment**



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NIMHD Staff News



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New Appointments

NIMHD Division of Intramural Research Adjunct Investigators



- ' **Michele Evans, MD, oncology**, Deputy Scientific Director, Senior Investigator and Chief, Disparities Research Section, Laboratory of Epidemiology and Population Sciences, National Institute on Aging.
- ' Research interests include investigating the role of oxidative stress in populations at risk for health disparities, with particular interest in studying “damage-associated molecular pattern” (DAMPS).



- ' **Anne Sumner, MD, endocrinology**, Senior Investigator, and Chief, Section on Ethnicity and Health, Diabetes, Endocrinology, and Obesity Branch, National Institute of Diabetes and Digestive and Kidney Diseases.
- ' Research interests include design of screening tests and early interventions to decrease the impact of the diabetes and heart disease epidemic that is now occurring in populations of African descent worldwide.



New Appointments

NIMHD Division of Intramural Research

Adjunct Investigators



- **Dr. Tiffany Powell-Wiley**, Assistant Clinical Investigator, Cardiovascular and Pulmonary Branch, in the Division of Intramural Research, National Heart, Lung, and Blood Institute.
- Research interests include delineating mechanisms by which neighborhood environment influences the development of obesity, diabetes, and other markers of cardiometabolic risk.



- **Dr. Chandra Jackson** is an Earl Stadtman Investigator, jointly supported by NIMHD and the National Institute of Environmental Health Sciences.
- Research interests are dietary lifestyle factors (e.g., sleep) as major, modifiable contributors to racial/ethnic and socioeconomic health disparities in chronic diseases related to the cardiovascular system.



New Appointments

NIMHD Division of Intramural Research

Adjunct Investigator/Postdoctoral IRTA Fellow

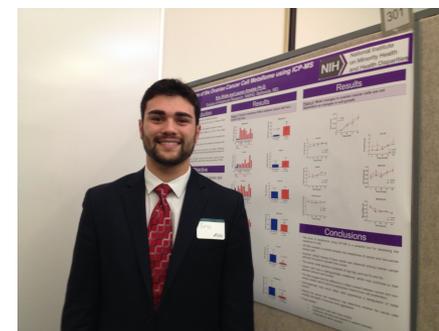
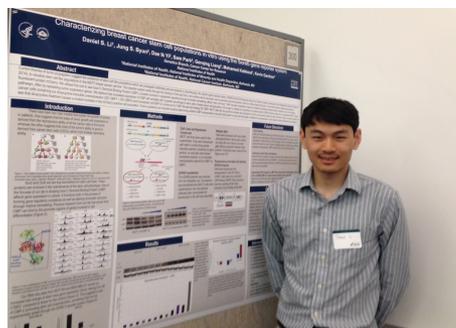
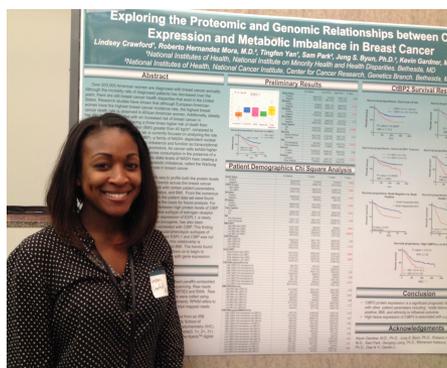


- **Dr. Fasil Tekola Ayele** is an Earl Stadtman Investigator, jointly supported by NIMHD and the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development, Division of Intramural Population Health Research.
- Research interests are in the area of genetic and chronic disease (i.e., diabetes and cardiovascular) epidemiology and the early origins of health disparity and population health.



Training Next Generation of Biomedical Scientists NIMHD Postbac IRTA Fellows

NIH Postbac Poster Day, April 20, 2016



From left to right: Postbac Fellows **Lindsey Crawford**, **Daniel Li** and **Eric Shide**

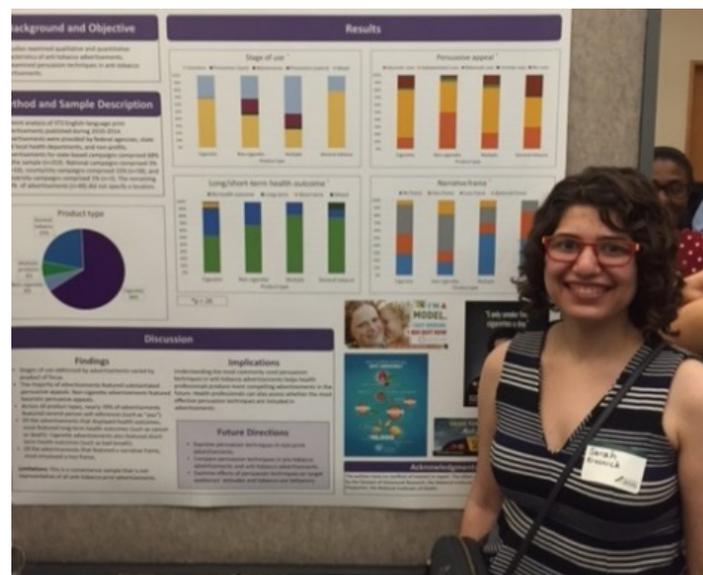
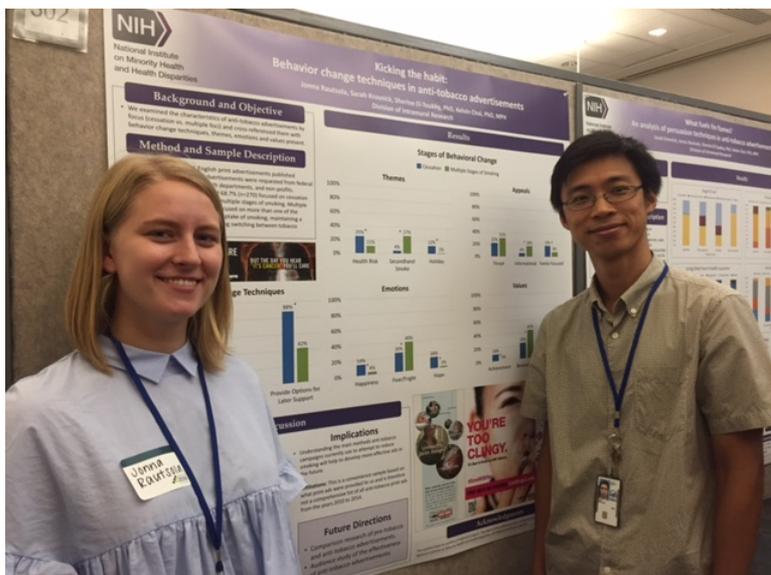
NIMHD Postbac IRTA Fellows participate in NIH Postbac Poster Day. The event, organized by the NIH Office of Intramural Training and Education, is an opportunity for NIH Postbacs to display the research they have been conducting at the NIH and also develop their communication and networking skills. Posters are reviewed by teams composed of graduate students, postdocs, and other NIH scientific staff.



Training Next Generation of Biomedical Scientists

NIMHD Summer Interns

Kelvin Choi, PhD, MPH, Earl Stadtman Investigator, NIMHD IRP, provided training opportunities for two summer interns: **Sarah Krosnick** (r) who presented persuasive techniques used in anti-smoking advertisements and **Jonna Rautsola** (l) who presented behavior change techniques for smoking cessation promoted in anti-smoking advertisements at the NIH Summer Intern Poster Days.



Presenting NIMHD Intramural Research

2016 Epidemiology Congress of the Americas June 21-24, 2016

- ' **Sharon Jackson, MD**, senior staff scientist, presented her research on inflammation and diabetes occurrence.
- ' **Kelvin Choi, PhD, MPH** presented his research on trends in tobacco product use patterns among U.S. youth, and the association between young adult smoking and social outcomes at mid-life.

Chemical and Engineering News (C&EN) webinar March 22, 2016

- ' **Lauren Amable, PhD**, staff scientist, presented “Quantification of Metal Content in Individual Cells using Single Cell Analysis by ICP-MS: An Insight into Cancer Treatment”. Webinar participants included more 700 attendees representing 74 countries.



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NIMHD Welcomes International Clinical Research Fellow

- **Dr. Jean Nepo Utumatwishima, a public health physician and surgeon from Rwanda, will work with Dr. Anne Sumner, NIMHD adjunct investigator, for one year.**
- **Research will focus on the detection and prevention of diabetes in Africa. Learn how to conduct clinical studies, analyze data and contribute to public policy from the data gained.**
- **Co-sponsored through NIDDK, NIMHD and the Rwanda Ministry of Health.**
- **He will return to a university and public health position in Rwanda in July 2017.**



“The salary support and leadership of NIMHD has made this first-of-its-kind program at NIH possible and we hope the collaboration will have proven success and continuous support.” -Dr. Anne Sumner



Noteworthy Publications



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Recent Staff Publications

- **El-Toukhy S, Choi K, A Risk-Continuum Categorization of Product Use Among US Youth Tobacco Users.** Nicotine Tob Res. 2016 Jan 13. PMID 26764258
- **Rosario AM, Pérez-Stable E, Making Neighborhoods Good for Your Health.** Circulation 2016 Aug 16; 134(7):514-6. PMID 27528646
- Lopez-Class M, Peprah E, **Zhang X**, Kaufmann PG, Engelgau MM, **A Strategic Framework for Utilizing Late-Stage (T4) Translational Research to Address Health Inequities.** Eth Dis. 2016 Jul 21;26(3):387-94. PMID 27440979



Recent Staff Publications

- ' Duong M, Bingham B, Aldana P, Chung T, **Sumner AE, Variation in the Calculation of Allostatic Load Score: 21 Examples from NHANES.** J Racial Ethn Health Disparities 2016 June 28. PMID 27352114



- ' Stern MC, Fejerman L, **Das R**, Setiawan VW, Cruz-Correa MR, **Pérez-Stable EJ**, Figueiredo JC, **Variability in Cancer Risk and Outcomes Within US Latinos by National Origin and Genetic Ancestry.** Curr Epidemiol Rep 2016: 3:181-190. PMID 27547694



Noteworthy Staff Achievements



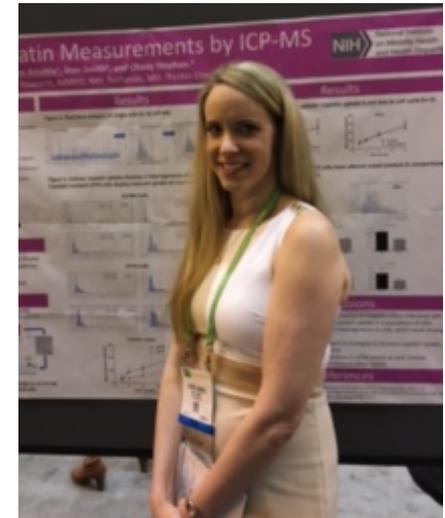
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Noteworthy

Dr. Lauren Amable, a staff scientist in the Division of Intramural Research, was accepted into the Society of Toxicology in June 2016.

She has been recognized for her research in metallomics, where she has been expanding the methodology and new approaches to measure all metals in patient samples as well as other biological samples.



Dr. Xinzhi Zhang, a program official in the Division of Extramural Scientific Programs, was recently promoted from Lieutenant (O-3) to Lieutenant Commander (O-4) in the U.S. Public Health Service Commissioned Corps effective October 1, 2016.



Noteworthy

Staff receive the NIH Director's Award on July 19, 2016



- ' **Dr. Jessica Escobedo**, a Health Science Policy Analyst in the Office of Science Policy, Planning, Analysis, and Reporting, received the 2016 NIH Director's Award (group) **for significant contributions toward developing an NIH-wide Strategic Plan.**
- ' **Ligia Artiles**, a Program Analyst in the Division of Extramural Scientific Programs, received the 2016 Harvey J. Bullock, Jr. Award for Equity, Diversity, and Inclusion by the Office of Equity, Diversity, and Inclusion (EDI) **in recognition of exceptional vision, dedication, and sustained leadership in initiating, planning, and implementing the NIMHD Equity, Diversity, and Respect Initiative**, which has led to an improved work environment at NIMHD.



Extramural Research Program Activity



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Grant Awards



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NIMHD Competitive Awards Since June 2016 Council

RFA/PA Title	No. of Awards	Total Award \$
PA-13-302, Research Project Grant (Parent R01)	7	\$3,809,662
PA-13-363, Research on the Health Determinants and Consequences of Violence and its Prevention, Particularly Firearm Violence (R01)	1	\$472,418
PA-13-303, NIH Exploratory/Developmental Research Grant Program (Parent R21)	1	\$211,491
RFA-MD-15-013, NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research Focused on Precision Medicine (U54)	1	\$1,948,732
RFA-MD-15-014, NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research on Chronic Disease Prevention (U54)	2	\$4,307,634
PA-13-347, NIH Support for Conferences and Scientific Meetings (Parent R13/U13)	3	\$148,967



NIMHD Competitive Awards Since June 2016 Council

RFA/PA Title	No. of Awards	Total Award \$
PA-14-147, Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)	1	\$472,418
RFA-MD-15-008, Technologies for Improving Population Health and Eliminating Health Disparities (R41/R42)	1	\$224,998
PAR-14-088, Direct Phase II SBIR Grants to Support Biomedical Technology Development (R44)	1	\$798,187
PA-15-270, PHS 2015-02 Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42])	1	\$802,553
PA-15-269, PHS 2015-02 Omnibus Solicitation of the NIH, CDC, FDA and ACF for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44])	1	\$225,000



Funding Opportunity Announcements



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Recent Funding Opportunities and Notices

Funding Opportunities	Funding Number	Released
Engaging Youth and Young Adults from Health Disparity Populations & in the HIV Treatment Cascade (R01) &	RFA-MD-16-003	09-7-16
Surgical Disparities Research	PAR-16-391	08-05-16
NIH Big Data to Knowledge (BD2K) Enhancing Diversity in Biomedical Data Science (R25)	RFA-MD-16-002	08-05-16
Clinical Research Education and Career Development (CRECD) Program (R25)	PAR-16-350	08-01-16
Social Epigenomics Research Focused on Minority Health and Health Disparities	PAR-16-355	07-07-16



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NIMHD Funded Science Advances



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Neck Circumference May Be a Better Alternative Measure for Risk of Diabetes

Joshipura, K., et.al., Neck Circumference May Be a Better Alternative to Standard Anthropometric Measures. *J Diabetes Res*, v 2016; 2016. [U54MD007587](#), Puerto Rico Clinical and Translational Research Consortium (PI: Cruz-Correa)

This study showed that neck circumference has higher associations with prediabetes and lower associations for low level of high-sensitivity C-reactive protein (marker of inflammation) compared to traditional anthropometric measures, such as BMI and skin-fold tests, as well as connections with other metabolic factors that are generally similar to waist circumference.

- ' Neck circumference can be an important measure to consider for routine assessment in primary care clinics and other health care settings, as well as for research studies when the use of expensive and sophisticated machines is neither easy nor justifiable.
- ' It may be especially useful among populations such as pregnant women where traditional measures may be challenging or not meaningful.



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Reducing Barriers to HIV Prevention Research for SGM Youth

Fisher, CB, et al., Self-consent for HIV Prevention Research Involving Sexual and Gender Minority Youth: Reducing Barriers through Evidence-Based Ethics. *Journal of Empirical Research* (2016) 11(1):3-14. **R01MD009561**, Ethics in HIV Prevention Research involving LGBT Youth (PI: Mustanski)

This study supports the premise that SGM Youth are prepared to provide informed and voluntary self-consent to studies involving HIV prevention when information is provided in an age-appropriate and youth-friendly format.

- ' Youth demonstrated understanding of health-related benefits, side effects and limitations of PrEP for preventing HIV and STIs.
- ' Youth demonstrated understanding of research benefits, medical side effects, confidentiality risks, and random assignment and felt comfortable asking questions and declining participation.
- ' Youth responses highlighted guardian permission as a significant barrier to research participation, especially for those who are not “out” to families.



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Stigma and High Risk Sexual Behavior among HIV+ African American Men

Wagner, G.J., et.al., Association of Internalized and Social Network Level HIV Stigma with High-Risk Condomless Sex Among HIV-Positive African American Men. *Arch Sex Behav* (2016): 45(6), 1347-55. **R01MD003964**, Medical Mistrust, Social Networks, and Disparities in HIV Care among Blacks (PI: Bogart)

This study examined relationships of internalized and social network HIV stigma and condom less sex in a sample of 125 African American HIV-positive men in Los Angeles.

- Greater internalized HIV stigma and the perception that close members of the individual's social network endorsed HIV stigma independently predicted higher levels of condom less sex.
- Greater density of the social network predicted lower levels of condom less sex, but this protective effect was dissipated if the individual believed members of the social network endorsed HIV stigma beliefs.
- Results highlight the importance of stigma reduction efforts to facilitate reduction of HIV risk behavior for individuals and their social networks.



HIV and Violence Risk Reduction in Latinas

McCabe, B.E., et. al., Mechanisms of Partner Violence Reduction in a Group HIV-Risk Intervention for Hispanic Women. *J Interpers Violence* (2016): 31(13), 2316-37.

P60MD002266, Center of Excellence for Health Disparities Research: El Centro (PI: Mitrani)

This study tested whether a culturally tailored group HIV-risk reduction intervention for Latinas (n=548) that reduced high-risk HIV behaviors also impacted levels of intimate partner violence.

- Women receiving the intervention reported greater HIV risk-related communication with their partner and lower levels of alcohol intoxication and intimate partner violence (IPV) than women in the control condition.
- Partner communication about HIV mediated the reduction of male-to-female IPV, which in turn reduced female-to-male IPV; alcohol intoxication was not a mediator of these relationships.
- Findings show the importance of enhancing women's communication with their partners as a means of reducing IPV, even in interventions not focused directly on IPV.



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Council Discussion and Questions



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