

NIMHD DIRECTOR'S REPORT

**National Advisory Council on Minority Health and Health
Disparities**

June 9, 2015

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Yvonne T. Maddox, Ph.D.**
National Institutes of Health (NIH)



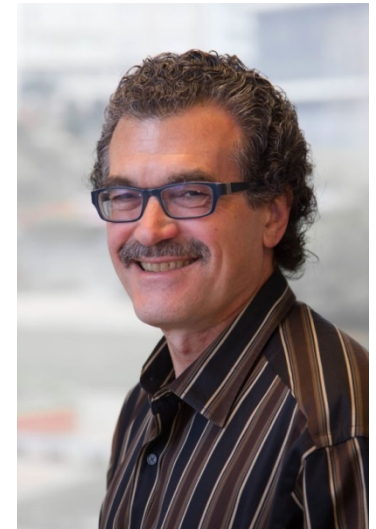
What's To Come

- News from NIH
- News and notes from NIMHD
- Budget and legislative updates
- Grants and programs
- Discussion

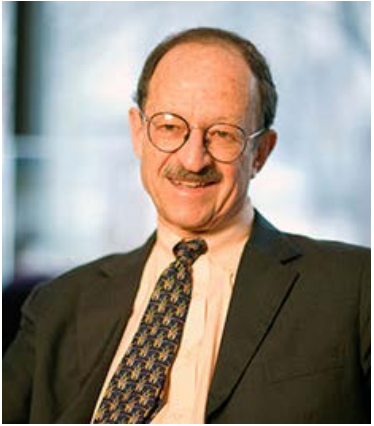
News from NIH

NIMHD Director Announced

- NIH Director Dr. Francis S. Collins has named Eliseo J. Pérez-Stable, M.D., the new Director, NIMHD
- Dr. Pérez-Stable is currently Professor of Medicine, Chief of the Division of General Internal Medicine and Director of the Center for Aging in Diverse Communities at UCSF
- He also directs the UCSF Medical Effectiveness Research Center for Diverse Populations, which is addressing health issues of African Americans, Asians and Latinos in the areas of cancer, cardiovascular disease and reproductive health
- He is a previous member of the National Institute on Aging Council (2011-2015)
- Dr. Pérez-Stable will join NIMHD in September



National Cancer Institute Changes



- Harold E. Varmus, M.D., has stepped down as NCI Director. Dr. Varmus served as Director, NIH (1993-1999)



- Douglas R. Lowy, M.D. has been named Acting Director. Prior to this, Dr. Lowy served as NCI Deputy Director and Chief of the Laboratory of Cellular Oncology, Center for Cancer Research, NCI

Other NIH Leadership Changes

- Robert W. Eisinger, Ph.D., will be Acting Associate Director for AIDS Research and Acting Director, Office of AIDS Research (OAR), upon Dr. Jack Whitescarver's retirement, July 1.
- Ms. Adrienne A. Hallett has been appointed Associate Director for Legislative Policy and Analysis and Director of the Office of Legislative Policy and Analysis, May 4.

Precision Medicine Initiative (PMI) (Announced by President Obama)



THE PRECISION MEDICINE INITIATIVE



Precision Medicine Initiative

Vision: build a broad research program to encourage creative approaches to precision medicine, test them rigorously, and, ultimately, use them to build the evidence base needed to guide clinical practice

Near Term: apply the tenets of precision medicine to a major health threat – cancer

Longer Term: generate the knowledge base necessary to move precision medicine into virtually all areas of health and disease

Precision Medicine Initiative

- On March 30, NIH announced the formation of the Precision Medicine Initiative Working Group (WG) of the Advisory Committee to the NIH Director (ACD).
- The WG will develop a vision for how to harness the advances in technology, scientific understanding, and participant engagement to develop a platform for precision medicine research and move precision medicine into every day clinical practice.
- Co-Chairs:
 - ❖ **Richard Lifton, M.D., Ph.D.**, Chair, Department of Genetics, Sterling Professor of Genetics and Professor of Medicine, Founder and Executive Director, Yale Center for Genomic Analysis, Yale University School of Medicine, New Haven, CT
 - ❖ **Bray Patrick-Lake, M.F.S.**, Director of Patient Engagement, CTSA, Duke University, Durham, NC
 - ❖ **Kathy Hudson, Ph.D.**, Deputy Director, Science, Outreach, and Policy, NIH

Past PMI Public Workshops

- Building a Precision Medicine Research Cohort (Feb. 11–12)
- Unique Scientific Opportunities for the National Research Cohort (Apr. 28–29)
- Cohorts and Electronic Health Records (May 28–29)

For more information, visit

www.nih.gov/precisionmedicine/events.htm

Upcoming PMI Public Workshops

- Participants and Community Engagement
July 1–July 2 at NIH, Bethesda, MD
- mHealth
July 27–July 28 at Intel Corp., Santa Clara,
CA

All public workshops are videocast live

For more information, visit

www.nih.gov/precisionmedicine/events.htm

NIH Precision Medicine Cohort

- Request for Information (RFI) - Strategies to Address Community Engagement and Health Disparities
- Release Date: May 29, 2015
- Response Date: June 19, 2015

For more information, visit

grants.nih.gov/grants/guide/notice-files/NOT-OD-15-107.html

OBSSR 20th Anniversary Celebration

- The NIH Office of Behavioral Health and Social Sciences Research (OBSSR) is celebrating its 20th Anniversary this year
- Theme for the OBSSR 20th Anniversary is “**Healthier Lives through Behavioral and Social Sciences**”
- Anniversary events include:
 - ❖ **Tuesday, June 23, 2015**
8th Matilda White Riley Award and Lecture in Behavioral and Social Sciences
 - ❖ **Wednesday, June 24, 2015**
“Define Your Career in Behavioral and Social Sciences”
expert panels and one-on-one discussions on training and career pathways
 - ❖ **Thursday, June 25, 2015**
OBSSR 20th Anniversary Research Symposium



News and Notes from NIMHD

New Appointments: Staff and Details

- **Kimberly Allen** joined NIMHD as the deputy executive officer in the Office of Administrative Management. Prior to joining NIMHD, she served as deputy executive officer at NIGMS.
- **Dr. Nancy Breen** has joined NIMHD on detail from NCI to assist in developing the methodologies needed to identify a health disparity.
- **Dr. Courtney Ferrell Aklin** is officially with NIMHD as the chief of staff. She was recently on detail to NIMHD from NINDS where she served as a program director in the Office of Special Programs and Diversity.
- **Aaron Credle** is supporting NIMHD's legislative function on detail from the Office of Administrative Management.
- **Dr. Regina Smith James** has joined NIMHD on detail as the acting associate director for Clinical Research and Data Management
- **Dr. Tamara James**, AAAS Fellow, will join NIMHD this fall to assist with Tribal matters.
- **Dr. Richard Palmer**, AAAS Fellow, will join NIMHD this fall to support the Institute's Science Visioning activities.

Departing NIMHD Staff

- **Laura Gent** has moved to the HHS Office of the Inspector General as the budget officer after three years as the NIMHD budget officer.
- **Dr. Pamela Thornton** has moved to NIGMS to continue serving as the program official of the Building Infrastructure Leading to Diversity (BUILD) initiative. She served as the program official of BUILD, NRMN, and CEC and helped launch the NIH Common Fund program Enhancing Diversity of the NIH-funded Workforce with trans-NIH colleagues at NIMHD.

NIH Take Your Child to Work Day

April 23, 2015

- Purpose: To Inspire the next generation of NIH daughters and sons in grades 1-12 to explore career paths in science and public service.
- NIMHD organized the following three activities with a total of 128 participants: the Cruise to Good Health; DNA, Health Disparities and Me; and Smart-Cycling.
- NIMHD hosted the U.S.S. NIMHD's maiden voyage with ports of call to Greece, Africa, Cuba, Hawaii, and Florida.
- Participating staff went along with the theme by bringing cultural dishes, dressing up in clothes representing the ports of call and donating items for decoration.



The U.S.S. NIMHD Cruise Entertainment Staff

Expanding Communications Using Social Media

In four months of operation, NIMHD ...

- Gained more than 1,000 Twitter followers
- Gained almost 800 Facebook followers
- Participated in an NCI Twitter chat on health disparities during Minority Health Month
- Effectively used our new platforms to disseminate information and highlight events.



Twitter:
@NIMHD

Facebook:
www.Face
book.com/
NIMHD



TWITTER CHAT: NATIONAL MINORITY HEALTH MONTH AND CANCER HEALTH DISPARITIES
 HOSTED BY: THE NATIONAL CANCER INSTITUTE

APRIL 30, 2015 1:00-2:00PM ET

Join Us!
#NMHMI5chat

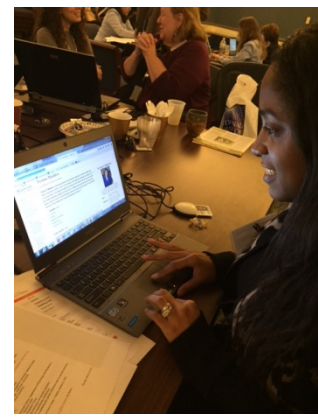
@THENCI
 @NIMHD
 @FDAOMH
 @NCICRCHD
 @SALUDTODAY
 ...AND MORE!

Health Disparities @NIMHD · 19s
 In Atlanta? Learn about NIH small biz grants at booth 510 #BESummit ow.ly/MZHHa
go.usa.gov/38cJP



Collaborations, Community Engagement, and Outreach

Selected NIMHD Collaborative Activities



Minority Health Month



- 2015 marks the 100-year anniversary of the establishment of Negro Health Week by Booker T. Washington in 1915 to the National Minority Health Month public health program we promote today.
- This year's theme, "30 Years of Advancing Health Equity; The Heckler Report: A Force for Ending Health Disparities in America," commemorates the 30th anniversary of the Heckler Report.
- The NIH commemorated National Minority Health Month with several events:
 - Fireside Chat: A Conversation with **Valerie Jarrett, Senior White House Advisor**
 - Afro-Caribbean Dance - Kompa for Exercise!
 - NIH Minority Health Promotion Day
 - Health Disparities Science Café with the **Mr. Kweisi Mfume, former U.S. Congressman**
 - Health Promotion Exhibit

American Journal of Public Health (AJPH) highlights Health Disparities Research and Practice



Small Is Essential | Unequal Burdens of Loss | Precision Medicine and Health Disparities | A Community-Based Oral Public Health Approach | Intergenerational Transmission of Acculturation on Health | BEYOND HEALTH EQUITY | Does Mandated Coverage of Preventive Care Reduce Disparities? | Spatial Clustering of Occupational Injuries | State Legislative Approaches to Eliminating Racial and Ethnic Health Disparities



Special Supplement on the Science of Eliminating Health Disparities: *Guest Editors: Irene Dankwa-Mullan (NIMHD), Yvonne T. Maddox (NIMHD), Francisco Sy (NIMHD) and Jonca Bull (FDA)*



- **S368 Precision Medicine and Health Disparities: Advancing the Science of Individualizing Patient Care | I. Dankwa-Mullan, J. Bull, and F. Sy**
- **S369 Embarking on a Science Vision for Health Disparities Research | I. Dankwa-Mullan and Y.T. Maddox**
- **S371 Small Is Essential: Importance of Subpopulation Research in Cancer Control | S. Srinivasan, R. P. Moser, G. Willis, W. Riley, M. Alexander, D. Berrigan, and S. Kobrin**

Selected Staff Presentations (1)

- **2015 Curtis L. Parker Student Research Symposium**, Morehouse School of Medicine, February 2015, Atlanta, GA
- **Eighth Health Disparities Conference**, Xavier University of Louisiana College of Pharmacy and Morehouse School of Medicine, March 2015, New Orleans, LA
- **“Community-Based Participatory Research,”** Introduction to the Principles and Practice of Clinical Research Course, March 2015, NIH Campus, Bethesda, MD
- **9th Annual Sickle Cell Disease Research and Educational Symposium & 38th National Sickle Cell Disease Scientific Meeting**, April 2015, Hollywood, FL

Selected Staff Presentations (2)

- **Health Disparities Research Colloquium, Duke University Medical Center, April 2015, Durham, NC**
- **13th Annual Workshop for NIDDK Network of Minority Health Research Investigators, April 2015, Bethesda, MD**
- **National Negro Health Week to National Minority Health Month: 100 Years of Moving Public Health Forward,” Morehouse School of Medicine, May 2015, Atlanta, GA**

Workshop on the Science of Prevention and Health Promotion to Address Health Disparities



NIMHD held a scientific workshop on the NIH campus on **March 30-31, 2015**, focusing on disparities in chronic disease prevention, with the goal to identify research gaps and opportunities for targeted initiatives. The workshop theme was *“Preventing Disparities in Chronic Diseases: Community-Based Multilevel Interventions.”*

Workshop Addressing Disparities in Surgical Care and Outcomes



NIMHD, in partnership with the American College of Surgeons, sponsored a state of the science workshop on disparities in surgical care and outcomes at the NIH campus Building 60 – Cloisters on **May 7-8, 2015**.

Workshops and Conferences

- ***Training in Interdisciplinary Population Health Science: A Vision for the Future, Institute of Medicine Roundtable, June 2015***
 - ❖ Population health science is an interdisciplinary science that develops an integrated understanding of the determinants of health and health disparities, and therefore holds promise for advancing the science of health disparities.
 - ❖ Meeting outcome: A white paper that will provide a review of the needs, lessons learned, and challenges for training in interdisciplinary population health science.

- **2015 NIMHD Translational Health Disparities Course**
 - ❖ A two-week intensive course held August 3-14, 2015, on the NIH campus.
 - ❖ The course provides an introduction to the principles and practice of health disparities research. Focusing on concepts, methods, key issues, and applications, the course aims to provide the knowledge and research tools needed to conduct and develop translational and transdisciplinary research and interventions to eliminate health disparities.

Budget and Legislative Updates

Appropriations Update

- No FY2016 budget yet
- House and Senate committees working on their respective appropriations bills
- Without action from Congress, sequestration caps will return in FY2016



Photo Credit: Gouldy99 via Compfight cc

21st Century Cures Act

Most recent House version includes:

- Authorize increase in NIH funding: \$31.811 B (FY16); \$33.331 B (FY17); \$34.851 B (FY18)
- NIH Director must develop five-year NIH Research Strategic Plan, to increase “efficient and effective focus of biomedical research,” identifying “strategic focus areas” to expand knowledge about human health and include measureable objectives for each focus area
- IC Directors (except NCI) appointed by NIH Director for five-year terms; can be removed earlier or reappointed with no limit as to number of terms

21st Century Cures Act (continued)

- The 21st Century Cures Act “would overhaul how the Food and Drug Administration evaluates new medical products and provide \$10 billion in mandatory funding for the National Institutes of Health.”
- Amendment pertaining to NIMHD - **Sec. 1029. Sense of the Congress on Increased Inclusion of Underrepresented Communities in Clinical Trials:**
“Sense of the Congress that NIMHD include within its strategic plan ways to increase representation of underrepresented communities in clinical trials.”

Other Congressional Bills of Interest

- **H.R. 1807**– On April 15, 2015, Representative Danny Davis (D-IL) introduced H.R. 1807, the Sickle Cell Disease Research, Surveillance, Prevention and Treatment Act of 2015. The bill would reauthorize a sickle cell disease prevention and treatment demonstration program and to provide for sickle cell disease research, surveillance, prevention and treatment.
- **H.R. 1101** – On February 26, 2015, Representative Brett Guthrie (R-KY) introduced H.R. 1101, the Viral Hepatitis Testing Act of 2015. The bill would amend the PHS Act to revise and extend the program for viral hepatitis surveillance, education, and testing in order to prevent deaths from chronic liver disease and liver cancer. The bill would give the Secretary the discretion to carry out the provisions of the Act directly through whichever of the agencies of the Public Health Service the Secretary determines to be appropriate, which may include the CDC, HRSA, SAMHSA, NIH (including NIMHD), and other agencies.

NIH Caucus on the Hill

- Sens. Lindsey Graham (R-S.C.) and Dick Durbin (D-IL) co-chair the Senate's newest caucus, dedicated specifically to the NIH
- The caucus will seek bipartisan help to restore NIH's capacity to fund research after losing 25 percent of its purchasing power since 2003

Senate Letter of Support for NIMHD

On March 27, 2015, **Senator Benjamin L. Cardin (D-MD)** wrote a letter of support, joined with 10 of his Senate colleagues, to the Senate Appropriations Subcommittee on Labor, Health and Human Services, Education, and Related Agencies, highlighting NIMHD research, the need to address health disparities, and requesting the “strongest possible funding for NIMHD for the upcoming fiscal year.”



NIMHD Outreach and Legislative Activities

- On April 22, 2015, the Friends of NIMHD held its organizing meeting to develop governance structure and discuss activities in support of NIMHD.
- On June 17, 2015, NIMHD will host a virtual meeting with Dr. Richard H. Carmona, the 17th U.S. Surgeon General and President of the Canyon Ranch Institute (CRI) Board of Directors, to discuss areas of collaborations (rescheduled from March 2, 2015).
- On June 24, 2015, at the request of the Coalition for the Advancement of Health through Behavioral and Social Sciences Research, NIMHD, with staff from OBSSR, NIAAA, NIDDK, NCI, NHGRI, NIAMS, NEI, NICHD, and NHLBI, will participate in a Congressional poster session about Healthier Lives through NIH-Supported Behavioral & Social Sciences Research.

Grants and Programs

Competitive Awards From February 2015 Council

RFA/PA Title	No. of Awards	Total Award \$
Center for AIDS Research and Developmental Centers for AIDS Research (P30) – <i>Funded by nine NIH ICs</i>	5	\$5,455,998
Development and Translation of Medical Technologies to Reduce Health Disparities (SBIR) (R43/R44)	1	\$195,693
NIH Research Evaluation and Commercialization Hub (REACH) Awards (U01) – <i>Funded by all NIH ICs</i>	1	\$999,194

Competitive Awards (Continued)

RFA/PA Title	No. of Awards	Total Award \$
NIH Support for Conferences and Scientific Meetings (Parent R13/U13)	3	\$151,965
PHS 2014-02 Omnibus Solicitation of the NIH, CDC, FDA and ACF for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44])	1	\$211,907
Research on the Health of LGBTI Populations (R21)	1	\$198,494

Update on investigator-initiated R01 and NIMHD solicited R15 applications (6/15 council)

	No. Reviewed	No. Scored
R01s	82 (CSR review)	23
R15s	48 (MD review)	28

Funding Opportunity Announcements (1)

- **NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research Focused on Precision Medicine (U54)** for health disparities research exploring the potential for precision medicine—an emerging approach that takes into account individual variability in genes, environment, and lifestyle—to promote health equity and reduce health disparities. Application Due Date: **9-17-2015**
- **Building Population Health Research Capacity in the U.S. Affiliated Pacific Islands (U24)** to build the capacity of organizations in the US-Affiliated Pacific Islands to conduct ongoing population health research in this region. Application Due Date: **12-9-2015**
- **Advancing Health Disparities Interventions Through Community-Based Participatory Research (U01)** to support promising community interventions using CBPR principles and approaches aimed at reducing and eventually eliminating health disparities. Application Due Date: **8-3-2015**
- **Limited Competition: NIMHD Endowment Program for Increasing Research and Institutional Resources.** Application Due Date: **9-4-2015**

Funding Opportunity Announcements (2)

- **Behavioral Interventions to Prevent HIV in Diverse Adolescent MSM (U01)**
to test behavioral HIV prevention interventions for diverse populations of adolescent (age 13-18) men who have sex with men (MSM). Application Due Date: **1-15-2016**
- **Innovations for Healthy Living – Improving Population Health and Eliminating Health Disparities (R43/R44)** for eligible U.S. small business entities to submit Small Business Innovation Research grant applications that propose to develop a product, process or service for commercialization with the aim of reducing disparities in healthcare access and health outcomes and in preventing disease and improving health. Application Due Date: **7-23-2015**
- **Technologies for Improving Population Health and Eliminating Health Disparities (R41/R42)** for small business entities to submit Small Business Technology Transfer grant applications that propose to develop a product, process or service for commercialization with the aim of reducing disparities in healthcare access and health outcomes. Application Due Date: **7-23-2015**

Vision

NIMHD Science Vision for Health Disparities Research

Updates:

- Trans-NIH Science Vision Advisory Group appointed
- Working Groups being established
- Request for Information (RFI) published to solicit input

Vision

NIMHD Science Vision for Health Disparities Research

Updates:

- Working Groups to hold discussion forums around the areas of science to establish foundational concepts for advancing the science or health disparities research

Pillars of Health Disparities Research

1. Etiology of Health Disparities; Pathways, Mechanisms and Models
2. Measurements and Analytic Approaches
3. Intervention Science
4. Implementation and Dissemination Science

Vision

NIMHD Science Vision for Health Disparities Research

Scientific Products/ Outcomes / Deliverables

1. Creating a working definition for discipline of health disparities science
2. Identification of fundamental principles for advancing our understanding of the complex role of health determinants in health disparities
3. Establishment of foundational concepts, based on the review of the research questions identified under the 4 pillars
4. Identification of scientific areas of opportunity – to build the science with the potential for transformational and translational impact – e.g. cross-disciplinary teams, infrastructure, resources, tools, training and capacity-building and IT needs to enable and support the transformational research across the key areas identified

Vision

NIMHD Science Vision for Health Disparities Research

Proposed Timeline

DISCUSSION FORUMS AND WORKGROUP MEETINGS – June – September 2015

- Discussion forums convened with external scientific community
- Request for Information published on scientific topic areas for public input and recommendations

SUMMARY WHITE PAPERS – September / October 2015

- Drafted by working group co-chairs
- Presentation at Council for input

LARGE MEETING – December 2015

- Larger group of diverse stakeholders convened around topic areas to refine ideas and identify scientific areas of opportunity to mature the field

SCIENCE VISION STATEMENT AND CORE PRINCIPLES – January 2016

- Health disparities science vision statement and core principles developed, informed by large meeting, public input and white papers
- Working definition for the discipline of health disparities science established

PUBLICATIONS & DISSEMINATION ACTIVITIES – January – March 2016

- Health Disparities Science Vision published in leading scientific journal
- Disseminated to stakeholders

Discussion...

Comments, questions?