

# NIMHD Funding Opportunities

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Division of Extramural Scientific Programs



**NIH** National Institute  
on Minority Health  
and Health Disparities

# NIMHD Mission

The mission of NIMHD is to lead scientific research to improve minority health and eliminate health disparities.

To accomplish this, NIMHD:

- Plans, reviews, coordinates, and evaluates all minority health and health disparities research and activities of the National Institutes of Health
- Conducts and supports research in minority health and health disparities
- Promotes and supports the training of a diverse research workforce
- Translates and disseminates research information
- Fosters innovative collaborations and partnerships



# Minority Health/Health Disparities Definition

- MH-Distinctive health characteristics and attributes of the minority racial and/or ethnic groups in the U.S.
- HD-A health disparity is defined as a health difference that adversely affects disadvantaged populations, based on one or more of the health outcomes
- Social disadvantage and/or subject to discrimination as a common theme



# Minority Health/Health Disparities Populations

## Minority Health- OMB categories

- African American or Black
- Asian
- American Indian or Alaska Native
- Native Hawaiian or other Pacific Islander
- Latino or Hispanic

**Health disparity** populations include racial/ethnic minorities, low SES, sexual and gender minorities, underserved rural populations, and/or others subject to discrimination who have poorer health outcomes attributed to being socially disadvantaged.



# NIMHD Research Framework

NIMHD Minority Health and Health Disparities Research Framework				
Health Disparity Populations: Race/Ethnicity, Low SES, Rural, Sexual/Gender Minority				
Other Fundamental Characteristics: Sex/Gender, Disability, Geographic Region				
Domains of Influence	Levels of Influence			
	Individual	Interpersonal	Community	Societal
Biological	Biological Vulnerability and Mechanisms	Caregiver-Child Interaction Family Microbiome	Community Illness Exposure Herd Immunity	Sanitation Immunization Pathogen Exposure
Behavioral	Health Behaviors Coping Strategies	Family Functioning School/Work Functioning	Community Functioning	Policies and Laws
Physical/Built Environment	Personal Environment	Household Environment School/Work Environment	Community Environment Community Resources	Societal Structure
Sociocultural Environment	Sociodemographics Limited English Cultural Identity Response to Discrimination	Social Networks Family/Peer Norms Interpersonal Discrimination	Community Norms Local Structural Discrimination	Societal Norms Societal Structural Discrimination
Healthcare System	Insurance Coverage Health Literacy Treatment Preferences	Patient-Clinician Relationship Medical Decision-Making	Availability of Health Services Safety Net Services	Quality of Care HealthCare Policies
Health Outcomes	Individual Health	Family/Organizational Health	Community Health	Population Health



<https://www.nimhd.nih.gov/about/overview/research-framework.html>



# Extramural Programs at NIMHD

- NIMHD funds programs in cancer and other diseases relevant to racial/ethnic minorities and other health disparity populations
- Focus on basic, translational and applied biomedical research
- Infrastructure and Training grants to build capacity for biomedical research
- Programs include:
  - Investigator Initiated Research Project Grants (R01, R21, R03 )
  - Centers of Excellence (COE) Program, (P20, P60)
  - Research Centers in Minority Institutions (RCMI) Program (G12, U54)
  - Community-Based Participatory Research (CBPR) Initiative (R24)
  - Transdisciplinary Collaborative Centers (TCC) Initiative (U54)
  - Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) Program (R43, R44/ R41, R42)
  - Science Education Program (R25)
  - Loan repayment program (L32, L60)
  - Conference Grants (R13)
  - Academic Research Enhancement Awards (AREA, R15)
  - Training Grants



# Funding Opportunities at NIMHD



National Institute  
on Minority Health  
and Health Disparities



# Parent Research FOAs

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PA-18-484</u></a> <a href="#"><u>PA-18-345</u></a>	R01	Research Project Grant (Parent R01)	01-08-2021
<a href="#"><u>PA-18-488</u></a>	R03	NIH Small Research Grant Program (Parent R03)	01-08-2021
<a href="#"><u>PA-18-489</u></a> <a href="#"><u>PA-18-344</u></a>	R21	NIH Exploratory/Developmental Research Grant Program (Parent R21)	01-08-2021
<a href="#"><u>PA-18-504</u></a>	R15	Academic Research Enhancement Award (Parent R15)	01-08-2021
<a href="#"><u>PA-18-648</u></a>	R13, U13	NIH Support for Conferences and Scientific Meetings (Parent R13/U13)	01-08-2021





# NIMHD-Sponsored Research FOAs - 1

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PAR-18-747</u></a> <a href="#"><u>PAR-18-745</u></a>	R01 R21	Addressing the Challenges of the Opioid Epidemic in Minority Health and Health Disparities Research in the U.S. (Clinical Trial Optional)	11-14-2020
<a href="#"><u>PAR-18-286</u></a> <a href="#"><u>PAR-18-287</u></a>	R01 R21	Health Services Research on Minority Health and Health Disparities	04-12-2019
<a href="#"><u>PAR-16-355</u></a> <a href="#"><u>PAR-16-356</u></a>	R01 R21	Social Epigenomics Research Focused on Minority Health and Health Disparities	11-16-2018
<a href="#"><u>PAR-18-288</u></a> <a href="#"><u>PAR-18-289</u></a>	R01 R21	Surgical Disparities Research	06-08-2019



# NIMHD-Sponsored Research FOAs - 2

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PA-17-041</u></a> <a href="#"><u>PA-17-042</u></a>	R01 R21	Addressing the Etiology of Health Disparities and Health Advantages Among Immigrant Populations	01-08-2020
<a href="#"><u>PA-18-284</u></a> <a href="#"><u>PA-18-285</u></a>	R01 R21	Addressing Health Disparities through Effective Interventions Among Immigrant Populations	01-08-2020
<a href="#"><u>PAR-17-151</u></a> <a href="#"><u>PAR-17-150</u></a>	R01 R21	Mechanisms of Disparities in Chronic Liver Diseases and Cancer	04-05-2019
<a href="#"><u>PAR-17-234</u></a> <a href="#"><u>PAR-17-235</u></a>	R01 R21	Mechanisms and Consequences of Sleep Disparities in the U.S.	07-12-2019



# Mechanisms of Disparities in Chronic Liver Diseases and Cancer

PAR-17-151 (R01) & PAR17-150 (R21)

NIMHD, NCI, NIAAA

Research should focus on U.S. Health Disparity Populations.

The purpose is to support multidisciplinary research to understand the underlying etiologic factors and the mechanisms that result in disparities in chronic liver diseases and cancer in the US.

Receipt Date: April 4, 2019

Budget - Up to 500K/year

Contacts: Rina Das, NIMHD; Emmanuel Taylor, JoAnn Rinado, Tram Lam, Betsy Read-Connole, NCI



# NIMHD-Sponsored Research FOAs - 3

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PAR-17-484</u></a> <a href="#"><u>PAR-17-483</u></a>	R01 R21	Collaborative Minority Health and Health Disparities Research with Tribal Epidemiology Centers	12-05-2019
<a href="#"><u>PAR-17-470</u></a>	R01	Clinical and Epidemiological Research on Chronic Disease in the Caribbean	11-16-2019
<a href="#"><u>PAR-18-331</u></a>	R01	Simulation Modeling and Systems Science to Address Health Disparities	06-08-2019



# Research Training Programs at NIMHD

- Diversity Supplements
- T37 MHIRT Minority Health and Health Disparities Research Training
- NRSA Pre-doctoral fellowships
  - F30 -Individual Predoctoral MD/PhD or Other Dual-Doctoral Degree Fellowship (Parent F30)
  - F31 -Individual Predoctoral Fellowship (Parent F31)
  - F31D -Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31 - Diversity)
- NRSA Post-doctoral fellowships: F32- Individual Postdoctoral fellowships
- Career Development Program: K01, K08, K23 mechanisms
- Loan Repayment Program
  - L32 -Loan Repayment Program for Clinical Research for Persons from Disadvantaged Backgrounds
  - L60 -Loan Repayment Program for Minority Health and Health Disparities Research



# Fellowships

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PA-18-671</u></a>	F31	Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship	01-08-2021
<a href="#"><u>PA-18-666</u></a>	F31	NRSA Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research	01-08-2021
<a href="#"><u>PA-18-673</u></a> <a href="#"><u>PA-16-306</u></a>	F30	NRSA Fellowship for Students at Institutions With/Without NIH-Funded Institutional Predoctoral Dual-Degree Training Programs	01-08-2021
<a href="#"><u>PA-18-670</u></a>	F32	NRSA Individual Postdoctoral Fellowship	01-08-2021



# Training

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PAR-18-349</u></a> <a href="#"><u>PAR-17-486</u></a>	K18	Short-term Mentored Career Enhancement Awards for Mid-Career Investigators to Integrate Basic Behavioral and Social Sciences	03-07-2019
<a href="#"><u>PA-18-397</u></a> <a href="#"><u>PA-18-398</u></a>	K99/R00	NIH Pathway to Independence Award	01-08-2021
<a href="#"><u>PA-18-369</u></a> <a href="#"><u>PA-18-363</u></a>	K01	Mentored Research Scientist Development Award	01-08-2021
<a href="#"><u>PA-18-373</u></a>	K08	Mentored Clinical Scientist Research Career Development Award	01-08-2021
<a href="#"><u>PA-18-374</u></a> <a href="#"><u>PA-18-375</u></a>	K23	Mentored Patient-Oriented Research Career Development Award	01-08-2021



# Trans-NIH Research FOAs -1

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PAR-17-496</u></a> <a href="#"><u>PAR-17-464</u></a>	R01 R21	Intervention Research to Improve Native American Health	05-15-2020
<a href="#"><u>PA-18-210</u></a> <a href="#"><u>PA-18-037</u></a> <a href="#"><u>PA-18-054</u></a> <a href="#"><u>PA-18-040</u></a>	R15 R01 R03 R21	The Health of Sexual and Gender Minority (SGM) Populations	09-08-2018
<a href="#"><u>PA-18-651</u></a>	R01	Developmentally Tailored HIV Prevention and Care Research for Adolescents and Young Adults	01-08-2021





# Trans-NIH Research FOAs -2

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PA-18-032</u></a>	R01	Understanding Factors in Infancy and Early Childhood (Birth to 24 months) That Influence Obesity Development	05-08-2019
<a href="#"><u>PA-18-141</u></a> <a href="#"><u>PA-18-159</u></a>	R01 R21	Mechanisms, Models, Measurement, & Management in Pain Research	05-08-2019
<a href="#"><u>PAR-18-324</u></a>	R01	Testing Interventions for Health-Enhancing Physical Activity	01-08-2021



# Trans-NIH Research FOAs - 3

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PAR-18-007</u></a> <a href="#"><u>PAR-18-017</u></a>	R01 R21	Dissemination and Implementation Research in Health	05-08-2019
<a href="#"><u>PAR-16-275</u></a> <a href="#"><u>PAR-16-274</u></a>	R01 R21	Serious Adverse Drug Reaction Research	09-08-2019
<a href="#"><u>PAR-18-189</u></a> <a href="#"><u>PAR-18-190</u></a>	R01 R21	Multidisciplinary Studies of HIV/AIDS and Aging	09-08-2020
<a href="#"><u>PAR-17-491</u></a> <a href="#"><u>PAR-17-490</u></a>	R01 R21	Implementing the Most Successful Interventions to Improve HIV/AIDS Outcomes in U.S. Communities	01-08-2021



# Trans-NIH Research FOAs - 4

<u>Number</u>	<u>Activity Code(s)</u>	<u>Title</u>	<u>Expiration Date</u>
<a href="#"><u>PA-18-502</u></a> <a href="#"><u>PA-18-503</u></a>	R01 R21	Advancing the Science of Geriatric Palliative Care	05-08-2020
<a href="#"><u>PAR-15-349</u></a> <a href="#"><u>PAR-15-350</u></a>	R01 R03	Health Disparities and Alzheimer's Disease	09-08-2018
<a href="#"><u>PA-17-444</u></a> <a href="#"><u>PA-17-446</u></a>	R01 R21	Ethical, Legal, and Social Implications (ELSI) of Genomics Research Project Grant Program	09-08-2020
<a href="#"><u>PAR-18-612</u></a> <a href="#"><u>PAR-18-611</u></a>	R01 R21	Electronic Nicotine Delivery Systems (ENDS): Population, Clinical and Applied Prevention Research	06-28-2020



# Future NIMHD FOAs

- Mechanisms of Lung Cancer Disparities in US: The Role of Risk and Protective Factors
- Leveraging Health Information Technology (Health IT) to Address Health Disparities
- NIMHD Minority Health and Health Disparities Research Training (T37)

<https://www.nimhd.nih.gov/funding/approved-concepts/index.html>





# Advice for New Investigators

Subscribe to the NIH Guide

<http://grants.nih.gov/grants/guide/>

Clinical Trial Requirements

<https://grants.nih.gov/policy/clinical-trials.htm>

Look at funded projects on NIH RePORTER

<http://projectreporter.nih.gov/reporter.cfm>

Watch CSR Videos for Applicants

<https://public.csr.nih.gov/Pages/csrwebinar.aspx>

Attend NIH Regional Seminar on Program Funding  
and Grants Administration

<http://grants.nih.gov/grants/seminars.htm>



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