



NIH NATIONAL CANCER INSTITUTE

CENTER TO REDUCE
CANCER HEALTH DISPARITIES

Mission and Organization

Center to Reduce Cancer Health Disparities

Overview

The National Cancer Institute (NCI) established the Center to Reduce Cancer Health Disparities (CRCHD) in 2001 to help reduce the unequal burden of cancer in our society.

Mission

To reduce cancer health disparities, CRCHD:

- Strengthens the NCI cancer research portfolio in basic, clinical, translational and population-based research to address cancer health disparities through collaborations with NCI Divisions, Offices and Centers.
- Advises on strategic priorities, program direction and scientific policy to strengthen cancer disparities research, diversity training, women's health, and sexual and gender minority opportunities.
- Leads NCI's efforts in workforce diversity through the training of students and investigators from diverse backgrounds.



Cancer health disparities are adverse differences between certain groups in cancer measures, such as incidence, prevalence, morbidity, mortality, survivorship and quality of life after cancer treatment, burden of cancer or related health conditions, screening rates and stage at diagnosis.

Although disparities are often considered in the context of race/ethnicity, other population groups may experience cancer disparities. These include groups defined by disability, gender and sexual identity, geographic location, income, education, and other characteristics.

The field of cancer health disparities is complex and affected by a multitude of health, biological, environmental and social factors. To advance understanding of the multifactorial causes of cancer disparities, including biological and non-biological bases of cancer incidence and progression, networking programs facilitate new and ongoing linkages between research, training and outreach.

Learn More

To learn more about CRCHD, please visit: crchd.cancer.gov

Programs

Continuing Umbrella of Research Experiences (CURE)

CURE is a national research training and career development initiative that focuses on building and sustaining a pipeline of diverse cancer investigators. CURE provides training opportunities for underrepresented students and trainees across the academic continuum in order to diversify the workforce in cancer and cancer health disparities research.

Intramural Continuing Umbrella of Research Experiences (iCURE)

The iCURE program supports mentored research experiences for qualified students and scientists in the multidisciplinary research environment of the NCI campuses in Bethesda, Rockville, and Frederick, MD. iCURE is an extension of the highly successful CURE program.

Partnerships to Advance Cancer Health Equity (PACHE)

PACHE enables institutions serving racial/ethnic and/or underserved communities with cancer health disparities and NCI Cancer Centers to:

- Build research and training capacity at institutions serving underrepresented populations
- Create stable, long-term collaborations between institutions and cancer centers in research, training, career development, and outreach
- Improve effectiveness of research, education, and outreach for underserved populations
- Export successful approaches for addressing disparities

National Outreach Network (NON)

NON seeks to strengthen NCI's ability to develop and disseminate culturally appropriate, evidence-based cancer information that is tailored to the specific needs and expectations of underserved communities, working through NON community health educators located at NCI-designated Cancer Centers. NON's goals are to:

- Enhance NCI's cancer health disparities research efforts through local and regional culturally tailored education/outreach within underserved communities
- Enhance NCI's ability to disseminate culturally appropriate, evidence-based cancer information to underserved communities
- Adapt and test culturally tailored education/outreach activities that address local and regional cancer health disparities issues

Geographical Management of Cancer Health Disparities Program (GMAP)

GMAP is a regional strategy to build critical "hubs" for the support and efficient management of cancer health disparities research, training and outreach. GMAP's goals are to contribute to the science of cancer health disparities and promote the development of the next generation of competitive, underrepresented cancer and cancer health disparities investigators.

The regional GMAP hubs bring together investigators and researchers, particularly those working in cancer health disparities and underrepresented investigators, underrepresented trainees and students, community health educators, and community members to work together to:

- Share information, resources and tools
- Enhance access to underrepresented investigators and trainees and foster career development linkages
- Strengthen region-based community education and outreach efforts that contribute to achieving GMAP goals

Special Initiatives

Training Navigation

Training navigation facilitates underrepresented scholars' successful entry and advancement through the CURE training pipeline to independent research careers.

CRCHD Organization

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NIH NATIONAL CANCER INSTITUTE

CENTER TO REDUCE CANCER HEALTH DISPARITIES

Diversity Training

Continuing Umbrella of Research Experiences

CURE Overview

Continuing Umbrella of Research Experiences (CURE) is a national research training and career development initiative that focuses on building and sustaining a pipeline of diverse cancer investigators.

CURE provides training opportunities for underrepresented students and trainees across the academic continuum in order to diversify the workforce in cancer and cancer health disparities research.



CURE supports you through all stages of your education and career – beginning in middle school – ensuring that you have the skills you need to become a successful investigator.



Training and Career Development Funding Opportunities

The CURE program offers students, postdoctoral trainees and early stage investigators training and career development funding opportunities using research supplements, predoctoral fellowships and career development awards. You may be eligible if you are a student or investigator from an underrepresented racial or ethnic group, have a disability, or come from a disadvantaged background. Additional eligibility information is described in the funding announcements.

Learn More

You are encouraged to contact a CRCHD Program Director before applying for funding:

Sara Hargrave, Ph.D. (Diversity Supplements)
sara.hargrave@nih.gov

Alison Lin, Ph.D. (Diversity Supplements, R25 YES)
alison.lin@nih.gov

Nicole McNeil Ford, Ph.D. (F31)
mcneiln@mail.nih.gov

John Ojeifo, M.D., Ph.D. (K08)
ojeifojo@mail.nih.gov

Elena Schwartz, Ph.D. (R21)
elena.schwartz@nih.gov

Mulualem E. Tilahun, D.V.M., Ph.D., (K01, K22)
mulualem.tilahun@nih.gov

For more information about CURE: cancer.gov/about-nci/organization/crchd/diversity-training/cure

CURE Funding Opportunities

High School and Undergraduate Training	Purpose
PA-18-906 – Research Supplements to Promote Diversity in Health-Related Research	Improve research workforce diversity by supporting individuals from groups that are underrepresented in cancer and cancer health disparities research.
Predoctoral and Postdoctoral Training	Purpose
PA-18-906 – Research Supplements to Promote Diversity in Health-Related Research	Improve research workforce diversity by supporting individuals from groups that are underrepresented in cancer and cancer health disparities research.
PA-19-196 – Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellowships to Promote Diversity in Health-Related Research (F31)	Enhance the diversity of the health-related research workforce by supporting the research training of predoctoral students from underrepresented groups in biomedical, behavioral or clinical sciences.
Postdoctoral and Investigator Training	Purpose
PA-18-906 – Research Supplements to Promote Diversity in Health-Related Research	Improve research workforce diversity by supporting individuals from groups that are underrepresented in cancer and cancer health disparities research.
PA-18-592 – Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers	Help high-potential individuals re-enter an active biomedical and behavioral research career after absence due to family care or family responsibilities.
PAR-18-364, PAR-18-365 – NCI Mentored Research Scientist Development Award to Promote Diversity (K01)	Provide mentored support to individuals with a research or health professional doctoral degree and who are from underrepresented groups in health-related sciences.
PAR-18-336, PAR-18-337 – NCI Mentored Clinical Scientist Research Career Development Award to Promote Diversity (K08)	Provide intensive, supervised experience in basic, clinical, behavioral, translational or patient-oriented cancer research for health professionals underrepresented in health-related science.
PAR-18-366, PAR-18-367 – NCI Transition Career Development Award to Promote Diversity (K22)	Provide an extended period of protected time and support for individuals who are advanced postdoctoral and/or newly independent research scientists from backgrounds nationally underrepresented in biomedical, behavioral, clinical and/or social sciences.
Investigator Training	Purpose
PAR-18-731 – Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21)	Improve research workforce diversity by supporting investigators from underrepresented groups to conduct research projects focused on the basic biology of cancer.
Institutional Opportunities	Purpose
PAR-17-059 – NCI Youth Enjoy Science (YES) Research Education Program (R25)	Support creation and maintenance of an institutional program to engage underrepresented grades 6–12 and/or undergraduate students, teachers and faculty in cutting-edge cancer research experiences.

Enhancing Diversity in the NCI Intramural Research Community



Intramural Continuing Umbrella of Research Experiences (iCURE) Prospective Applicants

What is iCURE?

iCURE is a new program that attracts students and scientists into the multidisciplinary environment of the **NCI Intramural Research Program (IRP)** and supports their mentored experiences.

iCURE is an extension of the NCI **Center to Reduce Cancer Health Disparities' (CRCHD)** highly successful extramural Continuing Umbrella of Research Experiences (CURE) training program. CURE supports the career progress of its scholars toward research independence and fosters diversity in the biomedical research pipeline.

What Does iCURE Offer?

The iCURE program provides:

- **One-year awards** for post-baccalaureate (including post-master's) individuals
- **Two-year awards** for graduate students
- **Three-year awards** for postdoctoral fellows

iCURE scholars will also enjoy professional and career support such as:

- Opportunities to work closely with world-class researchers in the NCI IRP
- Support from NCI program staff as well as resources on intramural and extramural funding opportunities
- Professional development activities
- Connections to an extensive mentoring network

Am I Eligible?

Eligible candidates include:

- Post-baccalaureate (including post-master's) individuals, graduate students, and postdoctoral fellows
- Citizens, non-citizen nationals, and legal permanent residents of the United States.

iCURE strongly encourages the participation of individuals from underrepresented populations and is aligned with NCI's interest in diversity.

Where Do I Learn More?

For more information about iCURE, eligibility, and to learn how to apply, please visit:

www.cancer.gov/about-nci/organization/crchd/diversity-training/icure

Prospective candidates are strongly encouraged to contact Dr. Alison Lin at iCURE@nih.gov.

What Types of Research Experiences Does iCURE Offer?

iCURE scholars will enjoy research opportunities in the NCI IRP, which includes the Center for Cancer Research (CCR) and the Division of Cancer Epidemiology and Genetics (DCEG).

CCR conducts **basic and clinical cancer research** and develops breakthrough discoveries into novel therapeutic interventions for adults and children afflicted with cancer or HIV.

DCEG is a global leader in **cancer epidemiology and genetics research**, and is uniquely positioned to conduct projects that are high risk in nature.

AT A GLANCE

iCURE

Conduct research at the National Cancer Institute

Candidates

Post-baccalaureate (including post-master's) individuals, graduate students, and postdoctoral fellows

Diversity

iCURE strongly encourages the participation of individuals from underrepresented populations

Submission Period

Applications accepted Nov. 20, 2019 - Jan. 17, 2020.
Please check the iCURE webpage for updates.

Becoming an iCURE Scholar

You must submit an application to be considered for an iCURE research experience. Once your application has been submitted, it will be reviewed by iCURE program staff and Principal Investigators (PIs) who are interested in being mentors.

You will complete several interviews during the matching process, both with iCURE staff and PIs. More than one PI may offer to interview you.

Generally, the 2020 application timeline is:



Frequently Asked Questions (FAQs)

Can I participate in iCURE and continue to conduct research at my current institution?

No. iCURE supports mentored research experiences within the NCI Intramural Research Program on-site in Bethesda, Rockville and Frederick, Maryland.

When do iCURE research experiences begin?

iCURE cohorts start on September 1.

I have a work permit/student visa, am I eligible for an iCURE award?

No, iCURE can only support citizens, non-citizen nationals, and legal permanent residents of the U.S.

Do iCURE scholars get paid?

Yes, iCURE scholars receive standard stipends from NIH.

Does iCURE pay for relocation or housing expenses?

No, iCURE does not provide relocation or housing costs.

Do I need to identify a mentor whom I wish to work with?

No, you do not need to identify or contact a PI or group when you apply to the iCURE program. iCURE will help you match with a mentor. However, we encourage you to let us know if there is a specific PI or project you are interested in.

Can I interview with more than one potential mentor?

Yes, you may be offered interviews with more than one PI. Additionally, more than one PI may express interest in you joining their group. You may choose to accept or decline offers.

What if the research group I am interested in isn't listed on the iCURE web page?

Please let us know the group you are interested in and we will follow up.

Do I need to submit written recommendations with my application?

No, you do not need to provide reference letters, only the required information listed on the web page. We will contact references directly for recommendations.

Do I need to submit an official transcript by the application deadline?

No, you may provide an unofficial transcript when you apply. However, you may be asked to provide an official transcript at a later date.

What if I need more time to complete my research than the period of support iCURE offers?

iCURE PIs may choose to continue to support your research past the period of support iCURE provides. You will still be welcome to participate in iCURE activities.

For more detailed information about the application process and program requirements, please visit the iCURE webpage or email iCURE@nih.gov.

NCI Youth Enjoy Science Research Education Program (R25)

What is the R25 YES Program?

The NCI Youth Enjoy Science (YES) Research Education Program (R25) provides support for institutions to develop and maintain innovative **early intervention strategies** to attract and engage **underrepresented students and their teachers** in active cancer research environments, and to help prepare students for a career in biomedical research.

Which Institutions are Eligible?

Eligible institutions include:

- Higher education institutions
- Nonprofit and for-profit organizations
- Governments (state, county, city, or township; special district; tribal; etc.)

A full list of eligible institutions is available in the Program Announcement. Foreign institutions are not eligible for this opportunity.

Who are Eligible Participants?

Eligible participants are:

- Grades 6–12 students and teachers
- Undergraduate students and faculty

Students must be:

- From a racial or ethnic group underrepresented in the biomedical, behavioral, clinical, or social sciences, have a disability, or from disadvantaged backgrounds
- U.S. citizens, permanent residents, or non-citizen nationals

Please see the program announcement for additional eligibility criteria.

Learn More

NIH Program Announcement: <http://grants.nih.gov/grants/guide/pa-files/PA-17-059.html>

Prior to applying, principal investigator are strongly encouraged to submit an LOI and to contact: Alison Lin, Ph.D. at linaj@mail.nih.gov or 240-276-6177

AT A GLANCE

Application Due Dates: January 25, May 25, and September 25, yearly

Letter of Intent (LOI): Encouraged one month prior to application due date

Participants: Grades 6–12 and/or undergraduate students from underrepresented racial/ethnic groups, with a disability, or from disadvantaged backgrounds, and/or grade 6–12 teachers and/or undergraduate faculty

Award Budget: Maximum Direct Cost: \$500,000/year for up to 5 years, F&A: 8%

Important Application Information

Applications must include:

- All three components listed in the Program Announcement:
 - Research experiences
 - Curriculum or methods development
 - Outreach
- A proposed program that does not overlap with other training programs at the institution (T32, etc.)
- A requirement that all participants commit at least two consecutive years (3 months per year) to the program
- Participant evaluation and tracking

PARTNERSHIPS TO ADVANCE CANCER HEALTH EQUITY (PACHE)

PACHE Overview

The PACHE program aims to create stable, comprehensive and long-term partnerships between institutions serving underserved health disparity populations and underrepresented students (ISUPS) and NCI-designated Cancer Centers (CCs) in the areas of cancer research, cancer research education and cancer outreach. Through these collaborations, ISUPS and CCs work together to increase the cancer research capacity of the ISUPS, increase the number of underrepresented investigators in cancer and cancer health disparities research, and increase cancer health disparity research and outreach to underserved populations by the CC.

Goals

The overall goals of the program are to:

- Build research and training capacity at underrepresented-serving institutions.
- Improve effectiveness of CC research, education and outreach for underserved populations.
- Export successful approaches for addressing disparities to all CCs and other key networks and consortiums.

Objectives

The PACHE program charges both partners to combine their different levels of expertise and experience to achieve the following general objectives:

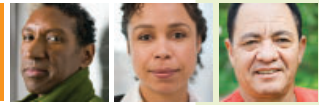
- Increase participation and competitive research/training capacity of institutions serving underserved populations.
- Increase competitive grant funding of underrepresented scientists;
- Increase involvement and effectiveness of CCs in research and training related to underserved populations.

- Develop more effective research, outreach and education programs that will have a direct impact on public health as well as the health of ethnic minority and underserved populations.
- Enhance research in cancer health disparities at CCs.

PACHE Mechanisms

PACHE uses two mechanisms:

- **Feasibility Studies to Build Collaborative Partnerships in Cancer Research (P20)** support feasibility studies to assist researchers and faculties at institutions targeting underserved populations in establishing collaborative partnerships with researchers and faculty of Cancer Centers (or other institutions with highly organized, integrated research efforts focused on cancer).
- **Partnerships to Advance Cancer Health Equity (U54)** are designed for institutions targeting underserved populations and underrepresented students and NCI-designated CCs that have already conducted considerable prior planning and evaluation and are ready to implement or have implemented their partnerships in inter-institutional cancer research projects, cancer education and cancer outreach.

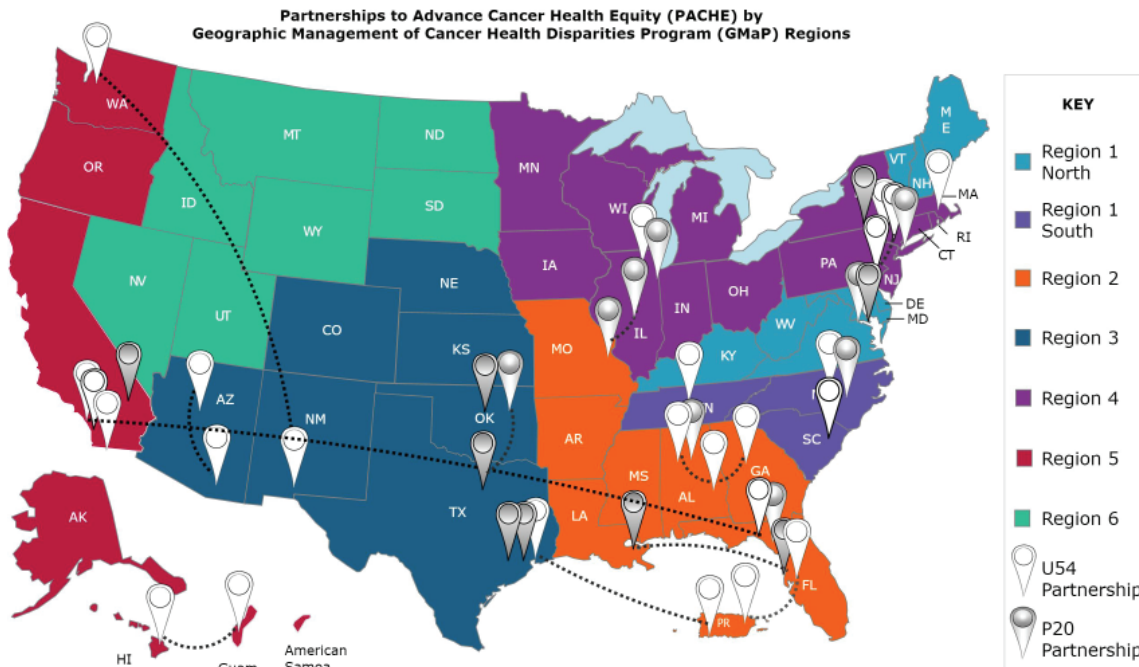


Current PACHE Partnerships

PACHE currently has 26 active partnerships: 10 P20 partnerships (20 grants) and 16 U54 partnerships (36 grants). The Partnership program is continually evolving to stimulate research, education and outreach within the field of cancer and cancer health disparities.



Scan this QR code with your mobile device to access PACHE information online.



Inquiries

For more information, please contact the following Program Directors or visit the PACHE webpage listed below:

H. Nelson Aguila, D.V.M.
aguilah@nih.gov

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John Ojeifo, M.D., Ph.D., M.B.A.
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Nicole McNeil Ford, Ph.D.
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<http://www.cancer.gov/aboutnci/organization/crhd/diversity-training/pache>

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Network Programs

The Geographic Management of Cancer Health Disparities Program

The Geographic Management of Cancer Health Disparities Program (GMAP) – consisting of 7 regions and engaging more than 1,200 disparities researchers, diversity trainees, and community health educators – employs a systematic and comprehensive strategy for building region-based “hubs” or networks for the support and efficient management of cancer and cancer health disparities (CHD) research, training and infrastructure.

How Can GMAP Help You?

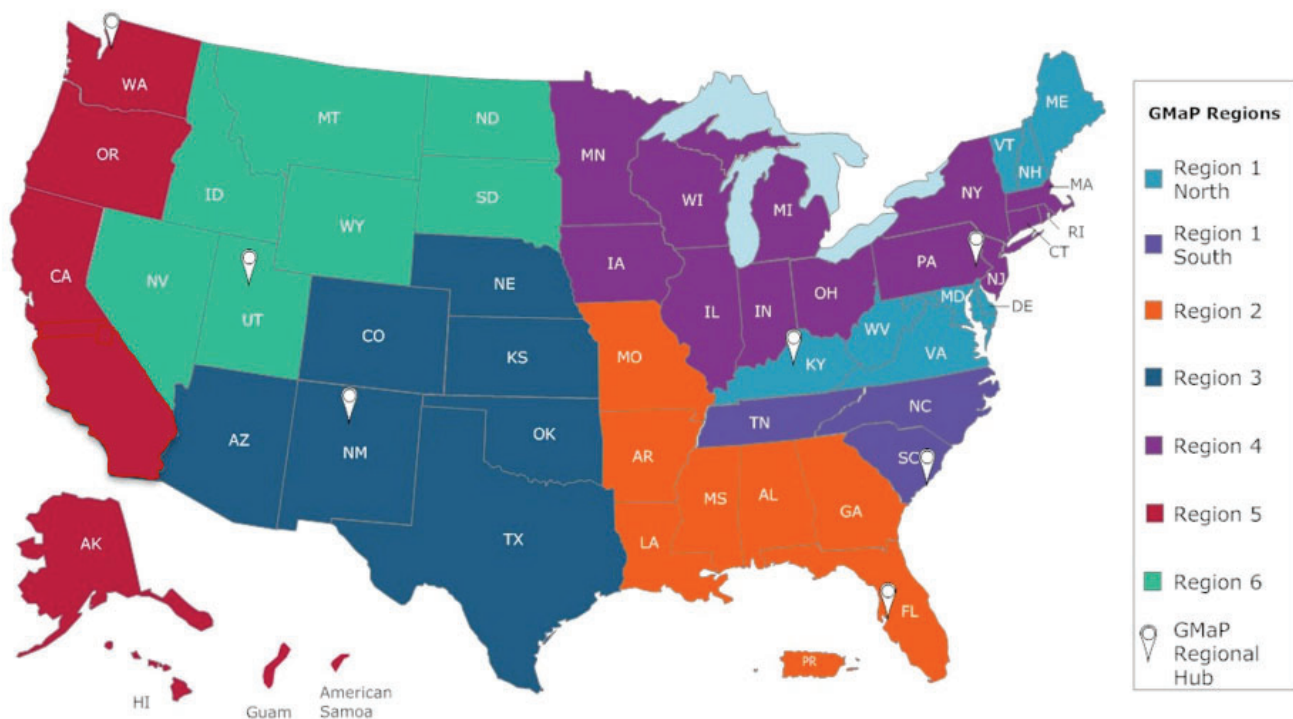
Fostering cooperation and collaboration among researchers, students and trainees, and community health educators, GMAP seeks to contribute to the science of cancer and CHD research, promote the development of the next generation of competitive, underrepresented cancer and CHD investigators, and enhance access to cancer information and research among underserved communities.

GMAP provides you with enhanced access to career development resources, such as:

- Informational Webinars on Funding Opportunities
- Job Openings
- Networking Opportunities
- Travel/Pilot Project Funding
- Mentoring Connections
- NCI and NIH Updates
- Access to Scientific Resources
- Grant Writing Workshops
- Cancer and Cancer Health Disparities Resources and Tools
- Training Navigation
- Biospecimen/Biobanking

Where is GMAP?

There are seven regional hubs housed at NCI-Designated Cancer Centers across the United States.



Get Involved!

Contact the Regional Coordinating Director in your region or visit your local GMaP website to find out how GMaP can help you.

1N

Markey Cancer Center – DE, KY, MD, ME, NH, VT, VA, WV, DC

<http://gmapr1.com>

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Julia Houston | HOUSTOJF@mailbox.sc.edu

Mabinty Conteh | mconteh4@jhmi.edu

1S

Hollings Cancer Center – TN, NC, SC

www.hollingscancercenter.org/about-hollings/commitments/GMaP/index.html

Anissa I. Vines | avines@email.unc.edu

2

Moffitt Cancer Center & Research Institute – AL, AR, FL, GA, LA, MO, MS, PR

<https://moffitt.org/research-science/partnerships/community/gmap/>

Z’Kera Sims | ZKera.Sims@moffitt.org

3

University of New Mexico Cancer Center – AZ, CO, KS, NE, NM, OK, TX

<http://cancer.unm.edu/gmap-region3/>

Miria Kano | MKano@salud.unm.edu

4

Fox Chase Cancer Center – CT, IA, IL, IN, MA, MI, MN, NJ, NY, OH, PA, RI, WI

<http://www.cdrn.org/>

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Carrie Norbeck | Carrie.Norbeck@fccc.edu

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Fred Hutchinson Cancer Research Center – AK, CA, HI, OR, WA, American Samoa, Guam

www.fredhutch.org/en/labs/science-projects/GMap.html

Sara Cole | Scole2@fredhutch.org

6

Huntsman Cancer Institute – ID, MT, NV, ND, SD, UT, WY

<https://uofuhealth.utah.edu/huntsman/research-areas/cancer-health-equity/programs/gmap/>

Anna Reineke | Anna.Reineke@hci.utah.edu

For general information about GMaP, contact a Program Director with the NCI Center to Reduce Cancer Health Disparities Program Director

Liz Perruccio | liz.perruccio@nih.gov

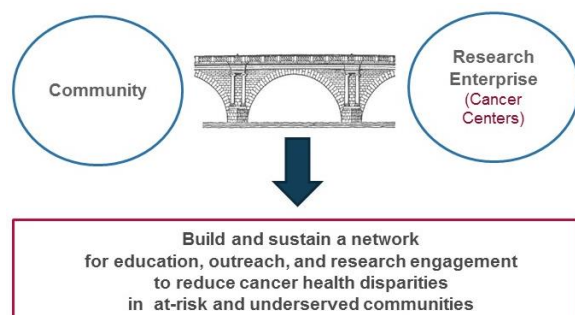
Anil Wali | walia@mail.nih.gov

www.cancer.gov/about-nci/organization/crchd/inp/gmap

crchd.cancer.gov | [@ncicrhd](https://twitter.com/ncicrhd)

National Outreach Network

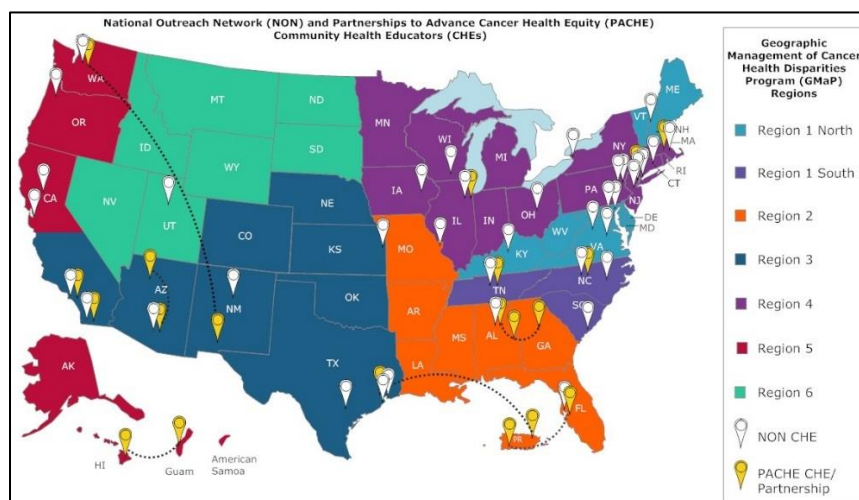
A stark disparity exists between racial and ethnic groups, rural populations and the impoverished regarding cancer incidence, morbidity and mortality when compared to dominant culture. Many factors contribute to this disparity, including the complex interplay of social, economic, and environmental barriers, all of which limit access to cancer-related prevention and education material, cancer screening, diagnosis and treatment and make it challenging to develop effective cross-cutting strategies in these areas.



Recognizing the opportunity to address cancer health disparities, the National Cancer Institute's Center to Reduce Cancer Health Disparities (CRCHD) launched the National Outreach Network (NON) program to leverage the cancer community's patient initiatives, as well as federal and private sector efforts, and build a sustainable network-based infrastructure to enhance the dissemination of evidenced-based and culturally tailored cancer-related education and outreach. Community Health Educators (CHEs) are an integral component of the program, as they bolster the NCI-Designated Cancer Centers' ability to identify and intervene on population specific barriers and challenges within their communities. Through the work of the CHEs, NON strengthens NCI's responsiveness to research priorities, cancer-related information needs, and the needs of at-risk and underserved communities.

Community Health Educators and Their Roles

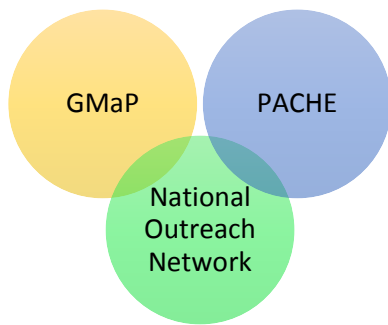
NON's CHEs are embedded into 38 NCI-Designated Cancer Centers around the U.S. The CHEs serve as vital links between NCI, grantee institutions, and communities to identify needs and disseminate culturally-tailored cancer information.



The CHEs represent a broad range of expertise in communications, comprehensive cancer control, training, and program planning and evaluation. Their outreach efforts are the culmination of several activities, including:

- Building capacity by forming strategic partnerships, and collaborating with academic institutions, community organizations, and local clinics, including Federally Qualified Health Centers
- Integrating themselves within their Cancer Centers' outreach and research activities, including clinical trials recruitment, to serve as a liaison between NCI and their Cancer Centers and communities
- Representing their Cancer Centers at local and regional cancer health disparities workgroups, coalitions, etc.
- Developing culturally-tailored cancer education materials and adapting and translating evidenced-based educational interventions for their target populations
- Disseminating NCI-approved cancer messaging through social media (e.g., Facebook and Twitter)
- Conducting needs assessments, focus groups, and key informant interviews to inform their outreach
- Conducting outreach activities, administering pre/post surveys, and entering and analyzing health disparities data
- Participating in health fairs and distributing educational materials and information about local cancer resources to community members
- Presenting their research findings and education and outreach findings at local, regional and national scientific conferences

NON's Integration with Other CRCHD Programs



NON is an integral part of CRCHD and its programs. The work of the CHEs is directly tied to the Center's mission to reduce the unequal burden of cancer through fostering partnerships, collaborations, cooperation, and information and resource sharing through networks and outreach. More specifically, NON and the CHEs' outreach activities are closely linked to the Center's Geographic Management of Cancer Health Disparities Program (GMaP) and the Partnerships to Advance Cancer Health Equity (PACHE) program.

GMaP is a network of regional hubs that provide support and efficient management of cancer health disparities research, training, and outreach. Together, NON and GMaP strengthen region-based education and outreach efforts. The NON CHEs work closely with the GMaP Regional Coordinating Directors (RCDs) to adapt and implement education and outreach strategies. The RCDs serve as "resource connectors" by working with each of the CHEs to identify regional cancer-related resources and best practices for cancer outreach among racially/ethnically diverse communities and rural populations. The RCDs disseminate all of the information gathered to the team of CHEs in the region. This process requires the establishment of strong relationships between RCDs and CHEs and increases the CHEs' awareness and utilization of resources and best practices to enhance their outreach activities.

Many of the NON CHEs also work closely with CHEs funded through the PACHE program. This is a natural synergy, as PACHE's goals and activities include developing more effective research, outreach, and education programs for underserved populations. NON and PACHE CHEs within proximity to each other often collaborate to strengthen and broaden their outreach capacity for special initiatives, such as the Screen to Save initiative. PACHE CHEs are included on NON's technical assistance webinars and communicate with NON Program Directors to receive guidance on conducting outreach related to these initiatives.

NON Special Initiatives

Occasionally, NON CHEs are asked to develop outreach activities for special initiatives. These initiatives reflect NCI programmatic and research priorities and give the NON CHEs an opportunity to strengthen their collaborative efforts with PACHE CHEs and GMaP RCDs. Examples of special initiatives include:

- **National Minority Health Month: Accelerating Health Equity for the Nation (April 2016).** Fourteen sites conducted 30 community outreach and/or health screening activities and reached nearly 4,000 racial/ethnic minorities. The CHEs developed partnerships with their GMaP RCDs and more than 100 academic, community, and private organizations to support and conduct their activities.
- **Cancer-Liver Information For Education (C-LIFE) Campaign (May 2016).** Ten sites conducted 15 outreach and/or health screening events, reaching more than 1,200 community members. The NON CHEs engaged 32 partners within their Cancer Centers and communities to conduct their outreach.
- **Screen to Save (S2S): NCI Colorectal Cancer Outreach and Screening Initiative (November 2016 – Present).** More than 30 NON and PACHE CHE sites are participating in this initiative. CHEs across each region are working with each other and their GMaP RCDs to provide racially and ethnically diverse communities and rural populations with culturally-tailored education and outreach activities on colorectal cancer and screening. CRCHD has established national-level partnerships with several prominent colorectal cancer leaders, such as the American Cancer Society, Centers for Medicare and Medicaid Services, Centers for Disease Control and Prevention, and the National Colorectal Cancer Roundtable. The CHEs have established partnerships and collaborations with over 360 organizations across the nation at the local, state, and regional levels. Through their planned activities, the CHEs will conduct outreach with approximately 4,000 racial/ethnic minority and/or rural community members.



Training Navigation

What is Training Navigation?

The NCI Center to Reduce Cancer Health Disparities (CRCHD) training navigation facilitates underrepresented scholars' successful entry, transition and advancement through the Continuing Umbrella of Research Experiences (CURE) training pipeline to independent research careers.

What does training navigation offer?

Training navigation provides information about CURE funding opportunities tailored to your training or career level and helps make connections with CURE Program Directors and the Geographic Management of Cancer Health Disparities Program (GMaP).

Training navigation provides the following career development support for potential and current CURE scholars:

- Assists new potential applicants in successfully entering the CURE training pipeline
- Assists current CURE scholars transitioning through the CURE pipeline to their next independent award
- Supports mid-career and established underrepresented investigators in developing the skills required to obtain R-type awards for career advancement

How can training navigation help me?

There are many ways that training navigation can support your career development:

- Help identify CURE funding opportunities that you may qualify for
- Introduce you to CURE Program Directors
- Share NIH and NCI resources for competitive application preparation
- Send periodic updates about submission dates and funding opportunities
- Connect you with your GMaP region and its resources, tools and networking opportunities

How do I get started?

Contact CRCHD training navigator Hana Odeh, Ph.D., at hana.odeh@nih.gov or 240-276-5572.

What is the CURE Pipeline?

CURE provides training opportunities across the academic continuum, ensuring that underrepresented students, trainees and investigators have the skills required to become competitive cancer researchers.



Learn more about CRCHD, CURE and GMaP: crchd.cancer.gov



NIH NATIONAL CANCER INSTITUTE

CENTER TO REDUCE CANCER HEALTH DISPARITIES

Disparities Research

EXPLORATORY GRANT AWARD TO PROMOTE WORKFORCE DIVERSITY IN BASIC CANCER RESEARCH (R21)

Overview

This Funding Opportunity Announcement (FOA) invites applications from investigators from diverse populations with interest in research projects focused on the basic biology of cancer. This FOA is also designed to improve the diversity of the research workforce by supporting and recruiting eligible investigators from groups that have been shown to be underrepresented.

Mechanisms of Support/Awards

The R21 award mechanism will be supported by this funding opportunity. The total project period for applications using the R21 award mechanism may not exceed 2 years; direct costs are limited to \$275,000 over a 2-year period, with no more than \$200,000 in direct costs allowed in any single year. Exploratory/developmental grant support is for new projects only; competing renewal (formerly competing continuation) applications will not be accepted.

Research Objectives

Research applications should focus on basic cancer research and cancer health disparities, consistent with the research interests of both the Division of Cancer Biology (DCB) and the Center to Reduce Cancer Health Disparities (CRCHD).

How Does It Work?

The R21 mechanism is intended to encourage new exploratory and developmental research projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research.

Where Do I Learn More?

For the full text of this PAR, visit: <https://grants.nih.gov/grants/guide/pa-files/PAR-18-731.html>

AT A GLANCE

Submission Deadline: June 19; November 19, yearly

Eligibility: Investigators from diverse backgrounds

Award Budget: \$275,000 in direct costs for up to 2 years; no more than \$200,000 in direct costs in any given year

Research Topics

Research topics may include, but are not limited to, the following examples:

- Cell transformation, proliferation, or inhibition of cell death
- DNA damage/repair and related molecular, cytogenetic, epigenetic, and chromosomal effects
- Biological and chemical carcinogens and their properties, and mechanisms of oncogenesis and carcinogenesis
- Immune response to tumors and hematopoietic differentiation.

EXPLORATORY GRANT AWARD TO PROMOTE WORKFORCE DIVERSITY IN BASIC CANCER RESEARCH (R21)

Eligibility Requirements

Any individuals from diverse populations that have been shown to be underrepresented in biomedical, behavioral, clinical, and/or social sciences are eligible. Such candidates include individuals from underrepresented racial and ethnic groups as well as individuals with disabilities with the skills, knowledge, and resources necessary to carry out the proposed research.

Review

All applications will be evaluated for scientific and technical merit by the appropriate Scientific Review Group(s) using the stated review criteria in the FOA. Following initial peer review, recommended applications will receive a second level of review by the National Cancer Advisory Board. Scientific and technical merit of the proposed project as determined by peer review, availability of funds, and relevance of the proposed project to program priorities will be considered in making funding decisions.

Further Assistance

Grants.gov Customer Support

Telephone: 800-518-4726

Email: support@grants.gov

Grants Info

Telephone: 301-435-0714

Email: grantsInfo@od.nih.gov

eRA Commons Help Desk

Telephone: 301-402-7469 or 866-504-9552

Email: commons@od.nih.gov

Grant Writing Tip Sheets

http://grants.nih.gov/grants/grant_tips.htm

Inquiries

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PA-18-842

Administrative Supplements to Support Cancer Disparity Collaborative Research

Trans-NCI Participation/Contacts

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BACKGROUND

Significant advancements in cancer research have led to improved diagnosis, prognosis, and outcomes for cancer patients. Despite this progress, cancer disparities remain among specific populations for numerous types of cancers. These population groups may be characterized by race, ethnicity, age, disability, gender identity, sexual orientation, geographic location, income, education, or other practices historically linked to discrimination or exclusion. An increase in the scope and depth of cancer disparities research including expansion of the pool of competitive researchers with expertise to conduct cancer disparities research, remains a priority for the NCI and is urgently needed to accelerate the progress in reducing cancer disparities.

PURPOSE OF PA-18-842

- Promote cancer disparities research among NCI-funded non-disparity researchers and encourage collaboration with cancer disparities-focused researchers
- Accelerate and strengthen multi-disciplinary cancer disparities research in wide ranging areas (cancer biology, cancer prevention, population sciences, translational & clinical studies)

PROGRAM DESCRIPTION/REQUIREMENTS

Parent grant must NOT have proposed cancer disparities research questions as part of the original scientific aims

Proposal is required to be within the scope of the parent award and should expand the original aims to include a cancer disparities research component

Collaborative teams are required between non-cancer disparities investigator (i.e., applicant/parent grant PI) and investigator with cancer disparities expertise (i.e., collaborator)

DETAILS

Application Due Dates: September 10, 2018; September 10, 2019; September 10, 2020

Budget: \$150,000 direct costs/12 months

Award Project Period: The project and budget periods must be within the currently approved project period for the existing parent award. The maximum period of administrative supplement support that an eligible NCI-funded grant may request is 2 years.

Number of Awards: The NCI intends to commit \$15.3M total costs to fund up to 30 awards over 3 years.