Using Geographic Management of Cancer Health Disparities Program (GMaP) Resources to Strengthen PACHE

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Center to Reduce Cancer Health Disparities
National Cancer Institute
National Institutes of Health

PACHE Meeting June 14, 2016
NCI Center to Reduce Cancer Health Disparities – CRCHD

Overcome cancer health disparities through research and diversity training

- Promote research in cancer health disparities
- Increase diversity in cancer biomedical workforce
- Build capacity and foster synergy between research, training, and outreach to increase cancer health equity
How CRCHD Achieves Its Mission...

**Training – CURE**

3,041+ CURE Scholars
Training and career development opportunities to enhance diversity in cancer and cancer health disparities research

**Forming Partnerships – PACHE**

24 Partnerships (13 U54 – 11 P20)
Multidisciplinary research projects in CHD Outreach, education, clinical trial recruitment

**Spawning CHD Research**

R21/R01 Basic CHD Research
Cancer Models
P01 Technical Workshop

**Networks for Research, Training & Outreach – GMaP and National Outreach Network (NON)**

6 GMaP Regions (7 Hubs)
37 NON Cancer Centers with CHEs
GMaP is 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.

<table>
<thead>
<tr>
<th>GMaP REGION</th>
<th>REGIONAL HUB</th>
<th>REGIONAL CONTACTS</th>
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<tbody>
<tr>
<td>Region 1</td>
<td>University of Kentucky Markey Cancer Center</td>
<td>Julia Houston, Ashleigh Gallagher, Mark Cromo</td>
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<tr>
<td>Region 1</td>
<td>Hollings Cancer Center at the Medical University of South Carolina</td>
<td>LaShanta Rice, Anissa Vines</td>
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<tr>
<td>Region 2</td>
<td>H. Lee Moffitt Cancer Center &amp; Research Institute</td>
<td>Kimberly Williams</td>
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<tr>
<td>Region 3</td>
<td>University of New Mexico Cancer Center</td>
<td>Miria Kano</td>
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<td>Region 4</td>
<td>Fox Chase Cancer Center</td>
<td>Linda Fleisher, Carrie Norbeck</td>
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<tr>
<td>Region 5</td>
<td>Fred Hutchinson Cancer Center</td>
<td>Heidi Tham</td>
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<tr>
<td>Region 6</td>
<td>Huntsman Cancer Institute at the University of Utah</td>
<td>Anna Reineke</td>
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Strategic Aims of GMaP: Opportunities for Collaboration and Networking

GMaP seeks to...

- **Support and Strengthen Workforce Diversity**
  - Increase number and quality of competitive grant applications and awards from underrepresented trainees/students and investigators via CURE
    - *Diversity Supplements, F31, Career Development (Ks), R21 Diversity Training, and PACHE*

- **Increase CHD Research**
  - Facilitate CHD Research through capacity building efforts in a broad range of basic, clinical, translational and behavior/population based topics
    - *R21/R01 Basic Research in Cancer Health Disparities, and PACHE*

- **Strengthen Community Education/Outreach**
  - Increase NCI’s ability to reach underserved communities with cancer information and engage underserved communities in cancer research
    - *NON CHEs and PACHE*

- **Disseminate CHD Information/Resource/Best Practice**
  - Increase disparities related information dissemination
  - Promote resource/best practice sharing regionally to foster collaboration and team science
Growing K-Series Career Development Grants

Mentor
- Sponsorship
- Networking
- Grantsmanship
- Role Model

Program Officer/Navigation
- Advise on Funding
- Professional Opps
- Grants Management

Trainee/Mentee
- Confidence
- Self-Esteem
- Enhance Research Skill
- Communication Skills
- Commitment

K-series CURE Award

GMaP Regional Support
- Tools/Resources
- Communication
- Technical assistance

CENTER TO REDUCE CANCER HEALTH DISPARITIES
Geographic Management Program

GMaP: enhancing workforce diversity through regional career development and mentoring linkages

- Foster team science
- Promote cross-training in emergent areas of science and in basic, clinical, and population-based science
- Enhance personalized career mentoring
- Share successful training and research models
- Identify and link URM trainees, students, and ESIs to available career development and academic job opportunities to build critical mass
GMaP Benefits

GMaP facilitates intra-regional networking among trainees, community health educators, investigators, and community organizations to enhance NCI’s ability to promote workforce diversity and cancer/CHD research advances.

• Supports information dissemination and resource/best practice sharing and exchange
  – E-newsletter with training and funding opportunities, job opportunities, and resources/tools
  – Regional websites; Social media (Twitter); NCIP Hub

• Regional networks connect trainees with career/professional development opportunities to enhance competitiveness of underrepresented new/ESI
  – Individual scholar-RCD interactions
  – Group science sharing sessions
  – Mentoring opportunities
  – Group grant writing workshops
  – Travel scholarships (competitive)
  – Conference networking sessions
  – State-of-the-art core facilities and shared resources available at partnering institutions of network members (NCI CCCs, Academic hospitals, CBOs, MSIs)
Regionalized Information Dissemination

Extending NCI’s Reach to Underserved Communities through GMaP Regional Networks

<table>
<thead>
<tr>
<th>Membership among 7 GMaP Hubs (2015)</th>
<th>Total</th>
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<tbody>
<tr>
<td>CURE Scholars</td>
<td>599</td>
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<tr>
<td>CHD Researchers</td>
<td>654</td>
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<tr>
<td>National Outreach Network CHEs</td>
<td>47</td>
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<th>Dissemination from 7 GMaP Hubs (2015)</th>
<th>Total</th>
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<tr>
<td>Training/Funding Opportunities</td>
<td>1050</td>
</tr>
<tr>
<td>Job Opportunities</td>
<td>943</td>
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<tr>
<td>Resources and Tools</td>
<td>921</td>
</tr>
<tr>
<td>Travel Scholarships</td>
<td>52</td>
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GMaP Developed Resources

### Diversity Training/Education
- Training/Research Connections:
  - Access to CURE Training Pipeline: Diversity Supplements, F31, Ks, and R21 Diversity Training
  - R21/R01 in Basic Research in Cancer Health Disparities
  - Technical Workshops (e.g., Biospecimens, CBPR)
  - Grant Writing Training
  - Mentorship “Meet & Greets”
- R3: Bilingual/bicultural protocols for Clinical Trial Outreach to Latinos (CTOL) and Biospecimen Community Education Training and Outreach (> 567 participants) Contact: Amelie Ramirez (UTHS)

### CHD Research
- R2: Breast Cancer Tissue Microarrays (AA = 2164 cases) Contact: Teresita Munoz (Moffitt)
- R5: Awarded 7 Biospecimen and CT Training Mini Grants for CBPR activities in diverse communities Contact: Beti Thompson (Fred Hutch)
- R4: Biospecimen bank of 450 underserved CDRN cohort includes baseline survey data, biospecimens (blood and saliva), and physical measurements (height, weight, body fat, hip/waist measures) in 4 underserved populations (AA, Appalachian, Asian, Latino) Contact: Linda Fleisher (FCCC)

### Education and Outreach
- R4: Multi-Site Biospecimen and Clinical Research Educational Collaborative Research Enterprise with 28 NCI funded partners in 14 states Contact: Linda Fleisher (FCCC)
- R2: Validated questionnaire assessing willingness to participate in cancer-related clinical studies among 560 African Americans and Hispanic/Latinos in 5 states + PR by rural/urban and level of participation (e.g. tissue, blood, saliva) Contact: Isabel Scarinci (UAB)
- R2: Needs Assessment Tool (Eval Program Plan 44: 14-25, 2014)
Examples of Career Development Activities in GMaP Regions

**GMaP Region 1S**

K-development Webinar

**GMaP Region 2**

CURE Webinar – Coming Soon!

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**CURE 101: What is the Continuing Umbrella of Research Experience (CURE) and How Can It Advance My Cancer Research Career?**

The CURE program provides a unique series of biomedical research training and career development funding opportunities. Join us to learn more about how you can become part of the next generation of competitive investigators in cancer and CHD research by participating in the CURE program.

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**GMaP Networking Event at Sept. 2016**

AACR Disparities Conference
GMaP Efforts to Strengthen Connections

Welcome to NCIP Hub

NCIP Hub is a resource for collaboration and sharing of data, tools, and standards among the cancer research community. Join NCIP Hub today to create your own research group or join one of the many active communities on the hub!

Join the GMaP Community
https://nciphub.org/groups/gmap
GMaP Efforts to Strengthen Connections

• Enhance GMaP mentor-mentee relationships by partnering with the National Research Mentoring Network (NRMN)

• Nationwide Consortium
  – Biomedical professionals
  – Institutions

• Provides all trainees across the biomedical, behavioral, clinical and social sciences with evidence-based mentorship and professional development programming

FAQs
Who can participate?
Postdocs, junior faculty, senior faculty, non-faculty researchers, and academic administrators may serve as mentors.

Undergraduates, graduate students, and postdocs may serve as mentees.
Getting Connected...

• Sign-up to receive your regional GMaP newsletters

• Contact your GMaP Regional Coordinator Director
  – GMaP Welcome Letter
  – CRCHD E-Blast

• Contact one of the GMaP or NON program directors
  – GMaP: Dr. Anil Wali (walia@mail.nih.gov)
    Dr. Liz Perruccio (liz.perruccio@nih.gov)
  – NON: Dr. Precilla Belin (precilla.belin@nih.gov)
   Ms. Sandra San Miguel-Majors (sandra.sanmiguel@nih.gov)

http://crchd.cancer.gov  @ncicrchd  NCI Center to Reduce Cancer Health Disparities (CRCHD)
http://www.cancer.gov/about-nci/organization/crchd/inp/gmap