The NCI Diversity and Re-entry Supplements

August 2, 2016

The NCI Geographic Management of Cancer Health Disparities Program, initiated in 2009, is a national program designed build region-based “hubs” for the support and efficient management of cancer health disparities (CHD) research, training, and outreach.

- Enhance capacity in the areas of disparities research
- Provide recruitment and career/professional development of underrepresented investigators, trainees, and students
- Facilitate communication and dissemination
- Conduct evaluation

7 GMaP Regions

http://www.cancer.gov/about-nci/organization/crchd/inp/gmap
The Team!

- Linda Fleisher, PhD, MPH (Program Co-Director)
- Nestor Esnaola, MD (Program Co-Director)
- Carrie Norbeck, MPH, CHES (Regional Coordinator)

13 Original G/BMaP Partner Institutions - January 2010
9 New Institutions - 22 total
7 new states added - August 2012
Increased focus on biospecimens partners - 2013
Increased focus on CURE trainees, NON CHES, MSIs - 2013 - 2016
Over 400 members, with 250+ CURE trainees, 25 CHES, and more than 40 institutions.

Our Members

ICC Members
Linda Fleisher – Co-Chair
Melissa Simon – Co-Chair
Erika de la Riva
Shawna Hudson
Karen Hubbard
Michele Juarez
Jasmine McDonald
Patricio Meneses
Electra Paskett
Parisa Tehranifar

Scholar Subcommittee
Communications Subcommittee
Evaluation Subcommittee
Research Support
A Little Bit About You....

- Which best describes you...
  - Involved in GMaP Region 4 – also called the Cancer Disparities Research Network
  - Involved in one of the other regional GMaP networks
  - Just learning about GMaP

- Which best describes you...
  - Have a current R01 or equivalent level funding
  - Are a Faculty level investigator
  - Are a Post-doc
  - Are a Graduate Student
  - Are an Undergraduate Student
  - Other

Today's Webinar

- Overview and details of the Diversity Supplement Mechanism
- Case studies and approaches from the perspective of seasoned investigators and leaders in CDRN
- Question & Answers
- Resources
Alison Lin, PhD

Program Officer, Diversity Training Branch, NIH/NCI CRCHD

Dr. Lin is the lead of the DTB supplement programs, which includes the NCI Research Supplements to Promote Diversity in Health-Related Research, the NCI Supplements to Promote Reentry into Biomedical and Behavioral Research Careers and the supplements to the CURE program, including supplements to the P30, T32 and K12. In addition, Dr. Lin co-manages the U54 CPACHE Program.

Shawna Hudson, PhD
Associate Professor and Research Division Chief
Department of Family Medicine and Community Health Rutgers Robert Wood Johnson Medical School
Member of Rutgers Cancer Institute of New Jersey

Carmen Guerra, MD
Associate Professor of Medicine Perelman School of Medicine of the University of Pennsylvania
Associate Chief of Staff and Associate Director of Diversity and Outreach, Abramson Cancer Center

Voices from the Field
Diversity Supplements

Dr. Lin

National Cancer Institute
Diversity and Re-entry Supplements

GMaP Diversity Supplement Webinar
August 2, 2016

Alison Lin, PhD
Program Officer
Center to Reduce Cancer Health Disparities
National Cancer Institute
National Institutes of Health
Continuing Umbrella of Research Experiences (CURE)

- Increase the size of the talent pool
- Emphasize scientific areas of greatest need
- Expand and extend the period of training

**TRAINEEs**

- High School
- Undergraduate
- Pre-doctoral
- Postdoctoral
- Investigators

CURE Funding Opportunities Promote Scientific Independence and Self-Sustainability

- High School & Undergraduate
- Pre-Doctoral
- Post-Doctoral
- Investigator

**Supplements**
Supplements within the CURE Program

- Parent grant must have at least two years of active status at the time of supplement application;
- Candidates must be US citizens or Permanent Residents;
- **No concurrent PHS support for candidate**
  - Cannot be supported by parent grant;
  - If coming off of institutional training grant, need letter from institution.

Research Supplements to Promote Diversity in Health-Related Research (Diversity Supplements)

Candidate must be from underrepresented populations: race/ethnicity, disability, disadvantaged background


http://www.cancer.gov/about-nci/organization/crchd/diversity-training/cure/DSGuidelines
Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers (Re-Entry Supplements)

Candidate must have been on hiatus from research for 1-8 years; must be postdoctoral fellow or faculty before hiatus


http://www.cancer.gov/about-nci/organization/crchd/diversity-training/cure/ReEntryGuidelines

Supplement Application

- Application receipt: Oct 1 – Dec 1 and Feb 1 – Mar 30;
- PIs/mentors/candidates are strongly encouraged to contact our Center prior to application and to notify us when a supplement application is submitted.

<table>
<thead>
<tr>
<th>Candidate</th>
<th>Research Plan</th>
<th>Mentoring and Career Development Plan</th>
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<tbody>
<tr>
<td>• Motivation&lt;br&gt;• Accomplishments&lt;br&gt;• Career goals</td>
<td>• Relevancy to Parent Grant project&lt;br&gt;• Scientific impact&lt;br&gt;• Research design and feasibility&lt;br&gt;• Alignment with candidate's career goals</td>
<td>• Scientific proficiency and mentoring expertise of mentor(s)&lt;br&gt;• Defined role(s) and commitment of mentor(s)&lt;br&gt;• Training of career skills&lt;br&gt;• Clear benchmarks&lt;br&gt;• Candidate-specific plans</td>
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Supplement Funding Recommendation

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<tr>
<th>Application Cycle:</th>
<th>Funding Recommendation Anticipated in:</th>
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<tbody>
<tr>
<td>Oct 1 – Dec 1</td>
<td>February/March</td>
</tr>
<tr>
<td>Feb 1 – Mar 30</td>
<td>June/July</td>
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While waiting for decision, candidate must not be supported by PHS funding.

For graduate students and postdoctoral fellows: "Individuals may be supported by the parent grant for short periods, at the recipient’s risk, pending Institute/Center decision on the supplement application."

Supplement Post-Award Reporting

- Annual supplement progress report in CRCHD format is due together with parent grant progress report;
- Supplement progress report attached to section G1 of the parent grant RPPR;
- If late, report are sent to CRCHD with institution approval.
**Supplement Extensions**

- No cost extensions: progress report is required;
- Cost extensions:
  - Rarely granted;
  - PIs should contact our office at least six months before the end of the supplement;
  - Cost extension application requirements are available in the NCI diversity supplement guidelines.

**Supplement Close Out**

- Supplements follow NIH Grant Closeout Policies;
- Final progress report of supplement is due to NCI within 120 days of end of supplement;
- Early termination: PIs should inform our office and Grants Management Specialist (listed on the Notice of Award), and submit final progress report.
**R21 and R01 Disparities Research Grant Awards**

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<tr>
<th>Mechanism</th>
<th>Objectives</th>
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<tr>
<td>Disparities</td>
<td>Support pilot and feasibility studies and innovative mechanistic studies that investigate biological/genetic basis of cancer health disparities.</td>
</tr>
<tr>
<td>Disparities</td>
<td>Conduct basic, mechanistic research into the biological/genetic causes of cancer health disparities.</td>
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**Contact**

Tiffany Wallace, PhD  
wallaceti@mail.nih.gov

**Useful Links**

- NCI diversity supplement guidelines:  

- NCI re-entry supplement guidelines:  

- CRCHD website:  

**Contact**

Alison Lin, PhD  
240-276-6177  
linaj@mail.nih.gov
Discussion Points – Case Studies

- What types of supplements have you and your colleagues successfully submitted?
- What career levels of the diversity supplement PI?
- How have senior investigators and early stage investigators found each other?
- How was the parent grant leveraged? At what stage of the project?
- How do you see the diversity supplements building your research labs, department or program and the larger research organization?

Case Study

Dr. Shawna Hudson
### Population Science Supplement Examples

<table>
<thead>
<tr>
<th>Project Focus</th>
<th>Project Stage</th>
<th>Type of Supplement</th>
<th>Research Type</th>
<th>Value or Outcome</th>
</tr>
</thead>
</table>
| African-American Prostate Cancer Survivors & Caregivers Information Needs   | Parent grant in initial intervention development (Year 1 of 5)               | Post-doctoral Diversity Supplement  | • Qualitative, focus group study  
• Primary data collection                                                      | • Ability to hire add post doc to study team.  
• Additional data for parent study.                                              |
| Overweight and obese long-term cancer survivors preferences for an mHealth  | Parent grant in initial intervention development (Year 1 of 5)               | Faculty Re-entry Supplement         | • Qualitative, depth interview study (N=23)  
• Primary data collection                                                      | • Ability to add coI to study team.  
• Additional data for parent study (doubled phase 1 sample size).               |
| Profile of health literacy and technology usage and ownership of long-term  | Parent grant moving from initial intervention development to RCT implementation (Year 3 of 8) | Faculty Diversity Supplement (Instructor) | • Added measures for secondary analysis of baseline RCT data for parent study | • Ability to add coI to study team.  
• Ability to explore descriptive characteristics of sample in depth.            |
| cancer survivors                                                            |                                                                              |                                     |                                                                               |                                                                                  |

### How and Who? Lessons Learned

- **How did we connect?**
  - Networking thru pre doc/post doc programs
  - Networking thru scientific organizations
  - Networking thru colleagues (internally and at other institutions)

- **Who did we look for?**
  - Candidates with complementary interests in the science
Training and Science Lessons Learned

- Supplement science proposed should complement the parent grant aims, goals and objectives
- Training for the supplement brings the candidate new skills that also augment the parent project

Mentoring Lessons Learned

- Mentoring plan should serve as a basis for mentoring contract for mentee and mentor
- One size does not fit all
  - Supplement implementation must be tailored to adapt to the needs of the parent grant and applicant
### Case Study
**Dr. Carmen Guerra**

#### Diversity Supplement Examples

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<tr>
<th>Project Focus</th>
<th>Parent Grant Stage</th>
<th>Type of Supplement</th>
<th>Research Methods</th>
<th>Value or Outcome</th>
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</thead>
<tbody>
<tr>
<td>The Association between Literacy and Knowledge, Beliefs, Attitudes about and Intent to Undergo Cancer Screening (R01 HS10299-02)</td>
<td>Parent grant in initial intervention development (Year 2 of 5)</td>
<td>Faculty Diversity Supplement</td>
<td>• Adaptation and implementation of questionnaire</td>
<td>• Added a co-investigator to the team for a project aimed at reaching diverse subjects</td>
</tr>
</tbody>
</table>
| Characterize the esophageal microbiome in Barrett’s esophagus and examine the effect of modest weight loss on the adipokine and microbiome profile of obese individuals with Barrett’s esophagus (3U54CA163004-04W1) | Parent grant in progress                                                         | Faculty Diversity Supplement        | • RCT of the impact of weight loss on microbiome and adipokine                        | • Added a co-investigator to the team  
• Allowed PI gain new research skills and collect preliminary data for R01  
• Allowed PI gain new research skills and collect pilot data upon which to base additional grant applications |
How did we connect senior and junior investigators?

- Development of an institutional approach through Office of the Executive Vice Dean and Chief Scientific Officer, Perelman School of Medicine
- Jon Epstein, MD and team

How do you see the diversity supplements building your research labs, department or program and the larger research organization?

- Workforce diversity
Questions

Connecting with your GMaP Region

- 7 GMaP regions all have RCDs – go to CRCHD GMaP page to find your region
- Each region has a list of all the R01s in their region – may help find mentor matches
- Each region also has lists of current F31s or trainees on other grants – may help find mentee matches
- Can also connect you with CRCHD Program Officers for further guidance
CURE Program:
http://www.cancer.gov/about-nci/organization/crchd/diversity-training/cure

Dr. Alison Lin, PhD
(240) 276-6177
alison.lin@nih.gov

Cancer Disparities Research Network
www.cdrn.org
Regional Coordinator: Carrie Norbeck, MPH, CHES at Carrie.Norbeck@fccc.edu

Center to Reduce Cancer Health Disparities – other GMaP Regions
http://www.cancer.gov/about-nci/organization/crchd/inp/gmap#hubs
Thank You!

Please complete our evaluation at:

https://www.surveymonkey.com/r/F5QVSRG

Or click HERE!