

2017 Caribbean Research Capacity Building Technical Assistance Workshop

April 24-26, 2017



Sponsored by the Caribbean Public Health Agency in collaboration with
The Center for Translation Research and Implementation Science,
National Heart, Lung, & Blood Institute, National Institutes of Health

Guyana Marriott Hotel
Block Alpha, Battery Road, Kingston
Georgetown, Guyana

OVERVIEW

The burden of non-communicable diseases (NCDs) constitutes a major public health challenge worldwide and represent the major cause of death in the Caribbean. The severity of NCDs, particularly hypertension, COPD, and asthma, is pronounced in the Caribbean region, and has resulted in premature death and disability, increased economic burden, and high cost to Caribbean communities. Mitigating NCD burdens requires a multidisciplinary, multi-level, multi-system partnered approach that implements evidence-based strategies to effectively translate research into practice. Late-stage (T4) translation research, research that identifies implementation strategies to enhance sustainable uptake of proven-effective interventions into “real world” settings, provides a platform to better understand these multi-level processes and factors that are associated with successful integration of evidence-based interventions, and contextualizes the implementation strategies for rapid and sustained adoption. Advancing implementation science in the Caribbean, along with increasing research capacity for conducting implementation research, is a key component of effectively tackling the growing burden of NCDs in the region.

This workshop is designed to provide early stage research investigators with the tools necessary to continue along the path of competitive research support and transition to independence. The workshop seeks to: (1) expand knowledge of implementation science methodology and practice; (2) introduce participants to effective mechanisms for supporting their research and applying for NIH/NHLBI grant funding, and (3) provide key information about effective grantsmanship and the fundamentals of the peer review process. The workshop will provide a training forum to build the research capacity of researchers in the Caribbean region as they utilize late-stage translation research to improve community health.

Learning Objectives:

At the end of the workshop, participants will:

- Understand the implementation research needs and research priorities for reduction of the burden of heart, lung, blood, and sleep non-communicable diseases and disorders within the Caribbean Region;
- Be knowledgeable of the principles, methods, theories, models, and frameworks of implementation science;
- Identify knowledge gaps ripe for addressing with late-stage (T4) translation research; and
- Understand the essential components of strong research grant proposals and the NIH grants process, including scientific review.

AGENDA

Day One: Monday, April 24, 2017

8:00 a.m.-5:00 p.m.

- 8:00 a.m. **Registration Opens**
- 8:30 a.m. **Informal Networking**
- 9:00 a.m. **Welcome and Opening Remarks**
- 9:45 a.m. **Plenary: NCDs in the Caribbean: The Current Situation and A Way Forward**
- CARPHA's roles and functions
 - The Implementation Research needs of the Caribbean Region
- 10:45 a.m. **Break**
- 11:00 a.m. **Plenary: A Roadmap for Scaling Up**
- 12:00 p.m. **Lunch**
- 1:15 p.m. **Plenary: What is Implementation Science and Why It Matters**
- *Dissemination & Implementation Research Overview*
 - *Defining D&I research topics*
 - *Why D&I is relevant to you as a researcher*
- 2:15 p.m. **Designing Successful D&I Research Projects**
- Late-stage (T4) Translation Research: What is T4TR
 - D&I Frameworks
 - Interventions vs. Implementation
- 3:15 p.m. **Break**
- 3:30 p.m. **Case Study Examples**
- Small group Q&A
- 5:00 p.m. **Adjourn**

Day Two: Tuesday, April 25, 2017

8:30 a.m.-4:30 p.m.

- 8:00 a.m. **Informal Networking**
- 8:30 a.m. **Perspectives on Grant Writing for Success**
- How to best share your HLBS story to relate to funder

- Relate to the need for demonstrable outcomes

9:30 a.m. **Fundamentals of the NIH Grants Process**

- Finding and Understanding NIH/NHBLI Funding opportunities
- Application Preparation and Submission
- What International Organizations Need to Know about the NIH Grants Process

10:30 a.m. **Break**

10:45 a.m. **Grants 101: The NIH Grants Submissions Process**

11:45 a.m. **Common Pitfalls and Strategies for Success**

12:45 p.m. **Lunch**

2:00 p.m. **The NIH Peer Review Process**

3:00 p.m. **Funding Opportunities to Support Research in the Caribbean Region**

4:00 p.m. **Plenary: Late Stage Translation Research Advances in the Caribbean**

5:00 p.m. **Adjourn**

Day Three: Wednesday, April 26, 2017

8:30 a.m.-12:00 p.m.

8:00 a.m. **Informal Networking**

8:30 a.m. **Building Effective Collaborations**

- Principles of Community Engaged Research
- Working with Partners and Subcontractors to demonstrate outcomes

9:30 a.m. **Mock Review**

10:15 a.m. **Break**

10:30 a.m. **Hypertension 2.0 Call for Proposals: Global Alliance for Chronic Disease**

TBD

11:30 a.m. **Grant Writing for Success: Meetings with Faculty**

- Review of revised concept papers, draft proposals with participants
- Feedback for next steps: Selecting a FOA, getting feedback
- Q&A
- Meet with 1st Faculty Member

12:30 p.m.

Lunch

1:30 p.m.

Workshop Recap and Distribution of Certificates of Participation

2:00 p.m.

Adjourn