Evidence-Informed Program Design

A core component of the Program Quality Roadmap

November 9, 2021
Webinar Logistics

- Share your name, pronouns, organization, and city in the chat.
- Use the chat if you are experiencing any tech issues.
- Share thoughts and comments about the discussion!

- Type questions in the Q&A during the webinar.
- Raise your hand during the Q&A sessions to ask your question out loud to the group.
Panelists

Sunday Taylor, PhD
Director of Evaluation, Boston Public Health Commission and former Root Cause Senior Consultant

Anjali Nath, MPH
Director of Asthma Prevention & Control, Boston Public Health Commission

Cathy Burack, EdD
Senior Fellow, Brandeis University Heller School Center for Youth & Communities

Sotun Krouch
Vice President of Evaluation and Learning, Roca

Darris Jordan
Coordinator of Breathe Easy at Home Program, Boston Public Health Commission

Colette Stanzler
Principal, Root Cause

~ Today’s Moderator ~
Overview of Evidence-Informed Program Design
**Program Quality Roadmap**

**FOUNDATIONAL CONDITIONS:**

- Organizational mission & vision are driven by an authentic understanding of community needs and strengths.
- Organizational commitment to racial & economic equity.
- Alignment between organizational mission & vision and program outcomes.
- Organizational & leadership supports supply tangible and intangible resources.
Racial & Economic Equity

In the context of social services:

Racial equity is the condition achieved when a person’s racial identity does not predict, in a statistical sense, their ability to access and benefit from quality services or the outcomes of these services.

Economic equity is the condition achieved when a person’s income and/or wealth does not predict their ability to access and benefit from quality services* or the outcomes of these services.

*Quality services include free, sliding scale, and fee-based services
Evidence-Informed Program Design

An evidence-informed program, in the context of social services, is an intervention that an organization has chosen to implement based on significant data that indicates the intervention will have a positive desired outcome.
Evidence-Informed Program Design

When designing an evidence-informed program, organizations need to grapple with two questions:

1. What evidence exists on the type of program we are implementing/would like to implement and how do we gather and evaluate it to determine its usefulness in our program design?
2. On an ongoing basis, what types of evidence will sufficiently demonstrate that the program we’ve implemented is meeting the needs of our service population?
Evidence-Informed Program Design

What kind of evidence is used in program design?

We define evidence as a series of data that demonstrates certain inputs lead to certain outputs.
Evidence-Informed Program Design: Key Considerations

- Relevance to the service population’s needs and strengths
- Effectiveness of potential new intervention in achieving desired outcomes
- Alignment of potential evidence-based interventions with program’s and/or organization’s theory of change
- Adaptation of the intervention to fit the larger community, institutional, or systemic context
- Degree to which the intervention can be implemented with fidelity
- Sustainability of the program/intervention once implemented
Panel Discussion
Evidence base for asthma home visits

Breathe Easy at Home Program
Boston Inspectors Department (ISD) inspectors will:
- Identify asthma triggers that are covered by the MA Sanitary Code
- Work with landlords to correct these poor housing conditions

Healthy Homes
Visit by CHW includes:
- Asthma education (& review medications)
- Visual assessment for asthma triggers
- Cleaning & pest management supplies
- Additional resources and referrals

BEAH Steering Committee / Partners:
Boston Inspectors Services Dept (ISD)
Boston Housing Authority (BHA)
Boston Medical Center (BMC)
Parent Asthma Leaders (PALS)
Community partners

Boston Asthma Home Visit Collaborative (BAHVC)
5 hospitals/health centers
Boston Public Schools (BPS)
ABCD Head Start

Evaluation of the Environmental Scoring System in Multiple Child Asthma Intervention Programs in Boston, Massachusetts

The Seattle-King County Healthy Homes Project: A Randomized, Controlled Trial of a Community Health Worker Intervention to Decrease Exposure to Indoor Asthma Triggers
James W. Himes, MD, MPH, Tim K. Takara, MD, MPH, MS, Lin Song, PhD, and Maesia Weaver, PhD

Abstract
Objective: We assessed the effectiveness of a community health worker intervention focused on reducing exposure to indoor asthma triggers.
Importance of Using Evidence towards Equity

**REALITY**
One gets more than is needed, while the other gets less than is needed. Thus, a huge disparity is created.

**EQUALITY**
The assumption is that everyone benefits from the same supports. This is considered to be equal treatment.

**EQUITY**
Everyone gets the support they need, which produces equity.

**JUSTICE**
All 3 can see the game without supports or accommodations because the cause(s) of the inequity was addressed. The systemic barrier has been removed.
Thank you for joining!

1. An email will be sent to registrants in the upcoming week with links to the recording, slides, and the Evidence-Informed Program Design Research Brief

2. Go to https://rootcause.org/program-quality-learning-series/ to register for upcoming sessions:
   - Wednesday, November 10, 9:30am-10:30am: Referrals and Partnerships
   - Wednesday, November 10, 11am-12pm: Program Accessibility
   - Tuesday, November 16, 10am-11am: Family and Community Engagement
   - Tuesday, November 17, 9:30am-1030am: Data and Measurement Capacity
   - Wednesday, November 17, 11am-12pm: Staff Support & Performance

3. Connect with Root Cause at rootcause.org/contact-us

4. Connect with our Moderator: Colette Stanzler (cstanzler@rootcause.org).