Five Point Initiative (R01): A Cluster Randomized Trial of a Bundled Implementation Strategy to Address the HIV Epidemic in Black Communities

3rd National Ending the HIV Epidemic Partnerships for Research Meeting
April 15-16, 2024 I Los Angeles, CA

Sannisha K. Dale, Ph.D., Ed.M.
Pronouns: she/her
Associate Professor in Psychology & Public Health, University of Miami
Director and Founder, SHINE Research Program

Glenn Stepherson
Pronouns: he/him
Outreach Specialist
Empower U Community Health Center

MIAIMI
EMPOWER COMMUNITY HEALTH CENTER

Strengthening Health with Innovation and Engagement
Disclosures

(1) Serve as Site PI/Co-investigator on a Merck & Co. funded project on "A Qualitative Study to Explore Biomedical HIV Prevention Preferences, Challenges and Facilitators among Diverse At-Risk Women Living in the United States"

(1) Workgroup consultant on engaging people living with HIV for Gilead Sciences, Inc.
>15 Core Staff (e.g., assistant scientist, manager, C/RAs, analyst)

4 grad students, 2 recent grads, ~10 undergrads

3 junior faculty; 2 advanced postdocs

9 Community consultants

Strengthening Health with Innovation and Engagement (SHINE) Research Program

- Enhancing our understanding of the relationships between resilience, trauma, adversities, and health outcomes among individuals with HIV and those placed at risk for HIV
- Investigating psychosocial and structural factors that drive health inequities
- Developing effective prevention and intervention strategies to promote resilience and good health outcomes
- Closely partnering with community members and stakeholders in various research efforts
### Five Point Initiative: Design & Model

#### Table 5: Stepped-Wedge Randomized Trial Intervention & Data Collection Schedule

<table>
<thead>
<tr>
<th>Year (y)</th>
<th>Zip code 1</th>
<th>Zip code 2</th>
<th>Zip code 3</th>
<th>Zip code 4</th>
<th>Zip code 5</th>
<th>Zip code 6</th>
<th>Zip code 7</th>
<th>Zip code 8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Study Start-Up</td>
<td>Study Start-Up</td>
<td>Study Start-Up</td>
<td>Study Start-Up</td>
<td>Study Start-Up</td>
<td>Study Start-Up</td>
<td>Study Start-Up</td>
<td>Study Start-Up</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>P</td>
<td>R</td>
<td>21 months of FPI intervention</td>
<td>P</td>
<td>A</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>1</td>
<td>P</td>
<td>21 months of FPI intervention</td>
<td>2</td>
<td></td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Blue 1** - Control/Pre-assessment period. **Gray PR** - Acute pre-assessment surveys with community residents. **Purple - FPI intervention period.** **Gray PA** - Acute post-assessment surveys with community residents. **Blue 2** - Control/Post-assessment period.

---

#### Figure 4: Logic Model: Five Point Initiative (FPI) to Reach Miami’s Black Communities

**PARISHS Determinants**

<table>
<thead>
<tr>
<th>Evidence</th>
<th>Inputs</th>
<th>Outputs</th>
<th>RCT Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local HIV data</td>
<td>SHNE Team and Community Consultants: Use local data to define where to implement the EBPI (HIV testing, PEPF) &amp; meet community needs</td>
<td>Prioritize HIV high impact zip codes</td>
<td>Aim 1: Clinical Effectiveness HIV testing/prevention:</td>
</tr>
<tr>
<td>Business preferences</td>
<td>Identify relevant business (venues)</td>
<td>7 HIV testing</td>
<td>• 7 HIV testing</td>
</tr>
<tr>
<td>Outreach experience</td>
<td>Document available &amp; needed resources</td>
<td>7 PEPF linkage</td>
<td>• 7 PEPF linkage</td>
</tr>
<tr>
<td>Resident experiences</td>
<td></td>
<td>7 Condom access</td>
<td>• 7 Condom access</td>
</tr>
</tbody>
</table>

**Context**

- Culture
- Leadership
- Evaluation

**Facilitation**

- Purpose
- Role
- Skills
- Attitudes

**SHNE Team and Community Consultants:**

- Coordinate FPI event details (date, logistics, parking for testing van), staffing (CBs, CHOs), and materials (e.g., adequate testing kits, $25 vouchers).

**Increase access to:**

- HIV testing
- PEPF info/Linkage
- Condoms Documentation:
  - Post-event survey with CBs & CHOs
  - Adjustments to implementation

**SHNE Team:**

- Activate Community Consultants to re-engage (and recruit as needed) community business (CBs).
- Build and enhance relationships with CBs and community health organizations (CHOs).

**Consultants paid for their leadership and expertise**

Engage with 82 local FPI CBs partners

Increase network of CB partners for health initiatives in Black communities

**3. Conduct FPI Events**

**Aim 2: Implementation**

- Reach
- Effectiveness
- Adoption
- Implementation
- Maintenance

**Aim 3: Neighborhood Reach**

- HIV testing/prevention spillover effects to neighboring zip codes

**Long-term Outcomes**

- Decrease rates of HIV in targeted zip codes
- Increased rates of residents on PEPF

- An established network of community business partners for health initiatives

- Enhanced collaborative relationships with community health organizations

- Local implementation model that utilizes partnerships between research investigators, Community Consultants, community businesses (CBs), and federally funded community health organizations (CHOs)
Approach

Five Point Initiative
• Coordinate outreach in local venues
• Community residents engaged on a brief survey and provided with HIV testing and PrEP information, screening, and linkage (if indicated)

Everyone benefits

Cash vouchers  Daily revenue  Increased reach  Compensation for lived expertise
Partnering with Community

Collaborating Organizations:
- local businesses
- community health partners
- community consultants/experts

Community Engagement Strategies:
- Debriefings following events
- Weekly team meetings with community consultants
- Resident feedback
- Exit interviews with businesses
- Ongoing bi-directional conversations with health partners

Community Consultants/Experts:
Kalenthia Nunnally, Alecia Tramel, Sherika Shaw, Gena Grant, Louvonne Adams, Celeste Dessources, Sannita F Vaughn
Empower U CHC

History
• In 1999, two Black women living with HIV decided they would help others become victors. Living in Liberty City, they noted the need for an agency that could serve the community in a culturally-relevant way. Empower “U”, Inc., a minority, peer-based, 501(c)3 not-for-profit was born.

Today
• Empower U has grown from doing street outreach to bringing HIV/AIDS awareness to underserved communities and in 2013 becoming a federally qualified health center to provide primary medical and related HIV specialty care.

Partnering with SHINE (since 2017)
• FPI partner since inception in 2019
• A key partner in FPI reaching >4000 residents thus far
We’re outside!
Acknowledgments & Contact Info

- Residents/Participants
- SHINE Team
- Community Health Organizations
- Empower U CHC
- Community Consultants
- Community Partners & Businesses
- CHARM
  - University of Miami
  - Funding Agencies
    - NIH/NIMH
    - R01MH134269
    - P30 MH116867

Dr. Sannisha Dale
sdale@med.miami.edu
(305) 284-1991

SHINE Research Program
shineresearch@miami.edu
https://shine.psy.miami.edu
(305) 243-6714