



Smart Technologies and Community Engagement to Address Data Gaps in Birth Outcomes Reporting

1951788

Alexandrina Agloro, Arizona State University
PG, FY2020

Principal Research Investigators (Name, Institution)

Alexandrina Agloro, Arizona State University
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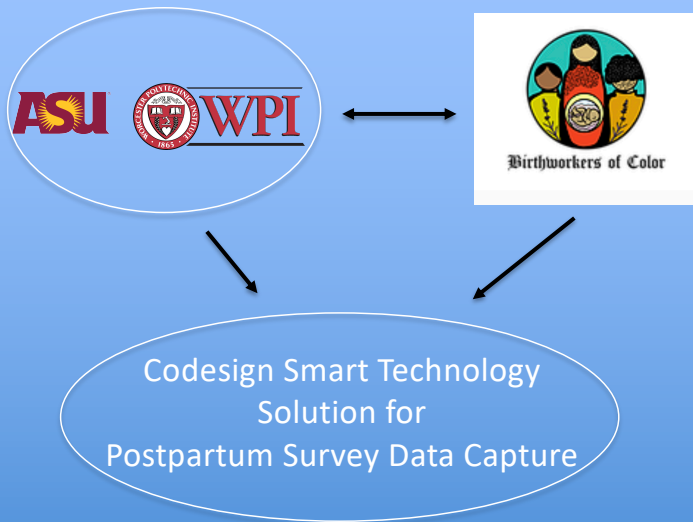
Community Partners (Name, Institution)

Stevie Merino, Birthworkers of Color Collective

Suggested length: 15(s)

Project Overview

Visual Schematic



Project Vision

Systemic integration for community technical literacy

- Building a system of trust- social and systems
- Deployment of smart technology equipped doulas capturing postpartum survey data for all birthing people, but especially Black birthing people and other underreported demographics

Suggested length: 30(s)

Project Overview

Use-Inspired Research

Community Partner: Birthworkers of Color Collective, Long Beach, CA

The mailed postpartum survey has only captured data from 6.8% of the 13.1% African American live births in Long Beach, compared to 18.6% of the 19.2% white live births. African Americans in LA County also have the highest levels of housing insecurity of any group.

Doulas from BCC are incorporating their professional expertise and providing their input about which smart technologies should be used for survey data capture.

PG Activities

Project team building

BCC doula study recruitment

Workshop 1 & 2: Building Systems of Trust

Workshop 3: Equipped Human Reference Architecture

Workshop 4: Codesign with Smart Technology

Suggested length: 30(s)

Project Update

Redesign study for COVID-19 protocols!

- In person workshops to remote Zoom

IRB review

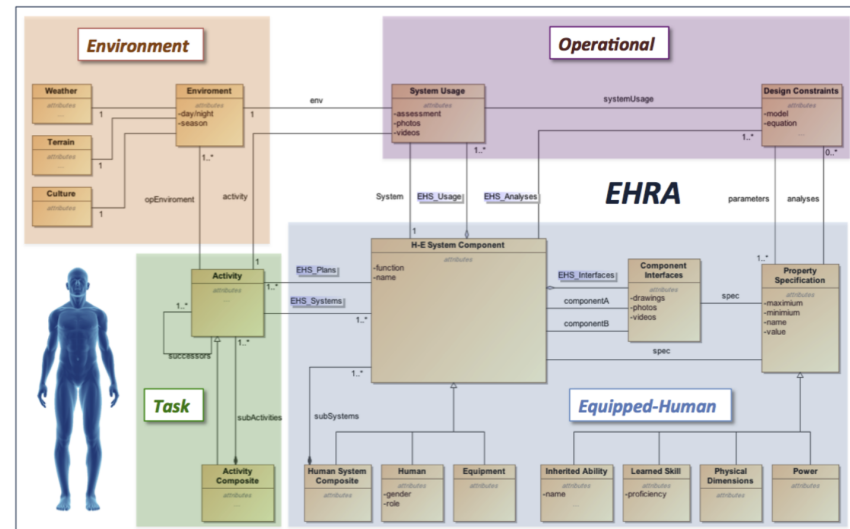
Team building with Birthworkers of Color and researchers

External evaluation plan

Recruitment of BCC doulas

Development of workshop materials

Suggested length: 45(s)



Project Evolution

How have planning grant activities shaped or evolved the long-term vision of the project? Specifically, we want to understand how engagement with your team (e.g., researchers and community partners) and feedback from the target community is informing your vision for the future IRG project. Give one or two specific examples.

Meals, childcare, and translation are key components to making participation accessible for community members in order to gather quality research data. We've learned it's difficult to find ways to provide the same resources in remote workshops within standard grant funding structures. As a result, we have to keep imagining creative ways to enact remote community engagement with the possibility that the future IRG project will require it.

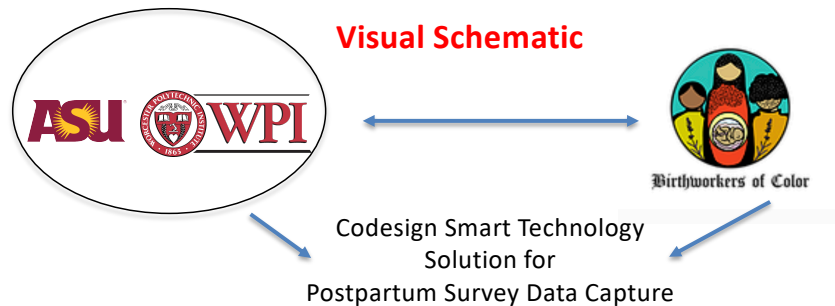
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Please organize the contents of slides (2) and (3) as a quad-chart using the template below. The quad chart should not be included in your lightning talks but should be submitted to NSF S&CC through an upload link that will be provided in the coming weeks.