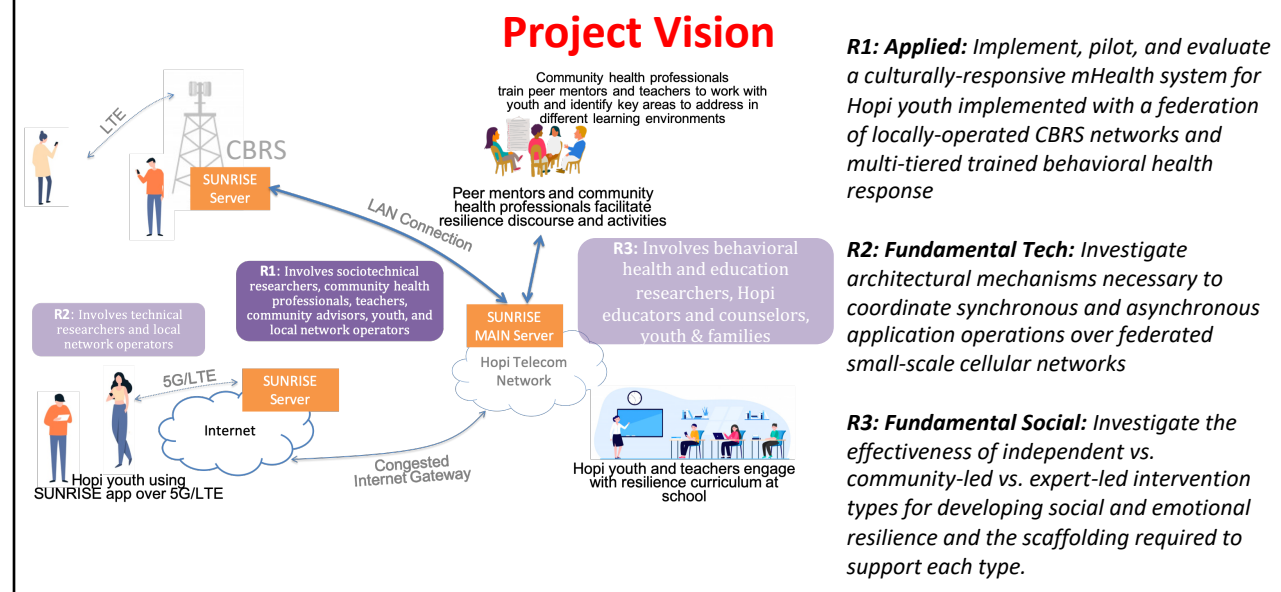
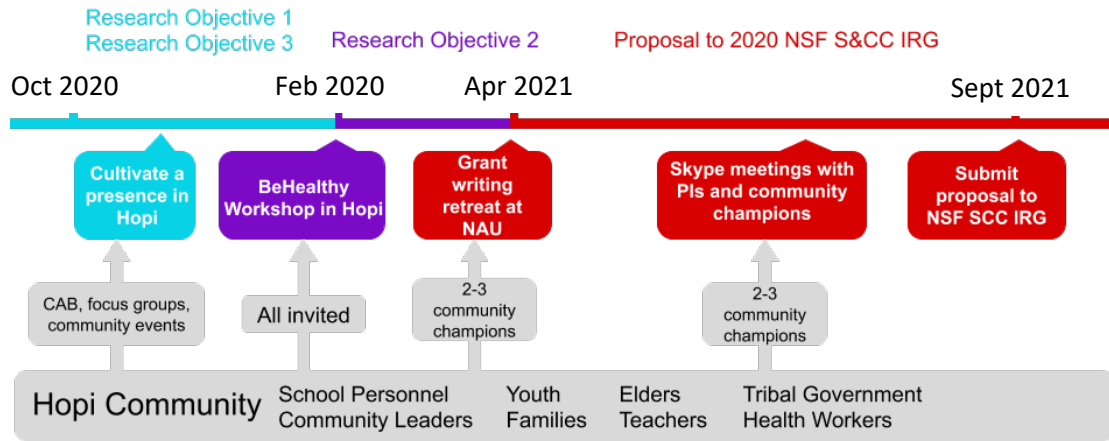


# SUNRISE: Using Mobile Games in Rural Tribal Communities to Promote Social and Emotional Resilience in Youth

NSF 1951911

Morgan Vigil-Hayes, Northern Arizona University  
PG, FY2020



## Use-Inspired Research

- Tribal youth experience significant behavioral health disparities compared to their non-tribal counterparts in the US
- We are working with the **Hopi Opportunity Youth Initiative (HOYI)**, which operates out of Kykotsmovi Village, AZ on the Hopi Reservation to develop a culturally responsive, sociotechnical behavioral health intervention to promote social & emotional resilience for Hopi Youth



## PG Activities

- Complete alpha prototype of mHealth app for feedback from Hopi community
- Create community-facing website for research project
- Recruit CAB participants and cultivate (digital) presence through radio ads, social media, and web site
- Continue developing app concept designs to evaluate along with alpha prototype
- Interview Hopi youth, teachers, elders, families, health workers, and leaders to identify key strengths and challenges around youth resilience and mobile technology
- Evaluate mobile broadband connectivity on Hopi and work with Hopi Telecom, Inc. to identify key locations for the deployment of CBRS base stations and hotspots.
- Host Zoom workshops for Hopi community members to get feedback on alpha prototype
- Grant writing workshop with researchers and community champions for submission to IRG