

# PLANNING LIVE, SUSTAINABLE COMMUNITY ASSET MAPPING FOR A DEMENTIA E-FRIENDLY ALABAMA

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**What we're learning:** As we work to develop an IT for dementia care that will support community asset mapping through crowdsourcing, we need to determine how to create crowd sourcing protocols that facilitate trust and safety when the IT relies on providers adding their own service information to the database.

Caregivers of PLWD often experience negative health and psychosocial outcomes because of lack of access and understanding about available services. An IT that allows caregivers and providers to crowdsource service information may support improved access.

- Early findings are informing the types of volunteered geographic information (VGI) that should guide development of new crowd sourcing protocols to maximize community engagement with the new technology.
- The biggest service needs are for in-home support, so we are identifying potential safety protocols in provider crowd sourcing.

## Project Activity Updates:

1. Qualitative interviews with providers and caregivers are informing technology development.

2. Data analysis is informing a multi-community survey of caregivers on technology, service needs, and perceptions about crowdsourcing data.

3. Organizing a virtual speaker event with experts in VGI and crowdsourcing to improve team capacity.

Given caregiver demographics, those who will benefit the most are women, African American, and rural caregivers in Alabama. The project has the potential for minimizing depression, burden, and improving health. It may also improve care for PLWD.

If successful, the project will facilitate ongoing community participation through VGI and crowdsourcing. This minimizes administrative burden of managing the technology's database of services and resources. The team is learning strategies for managing crowd sourced VGI.

Interviews will inform a survey of caregivers to further assess their perceptions of engaging with the technology and content/functions that will maximize caregiver and provider participation.