# SCC-IRG Track 2: Designing and testing remote services to support formerly homeless persons in permanent housing

## Challenge:

Permanent supportive housing (PSH, long-term, community-based housing with access to supportive services) is a proven intervention to end homelessness.

Instrumentation of PSH could facilitate increased use of tele-services.

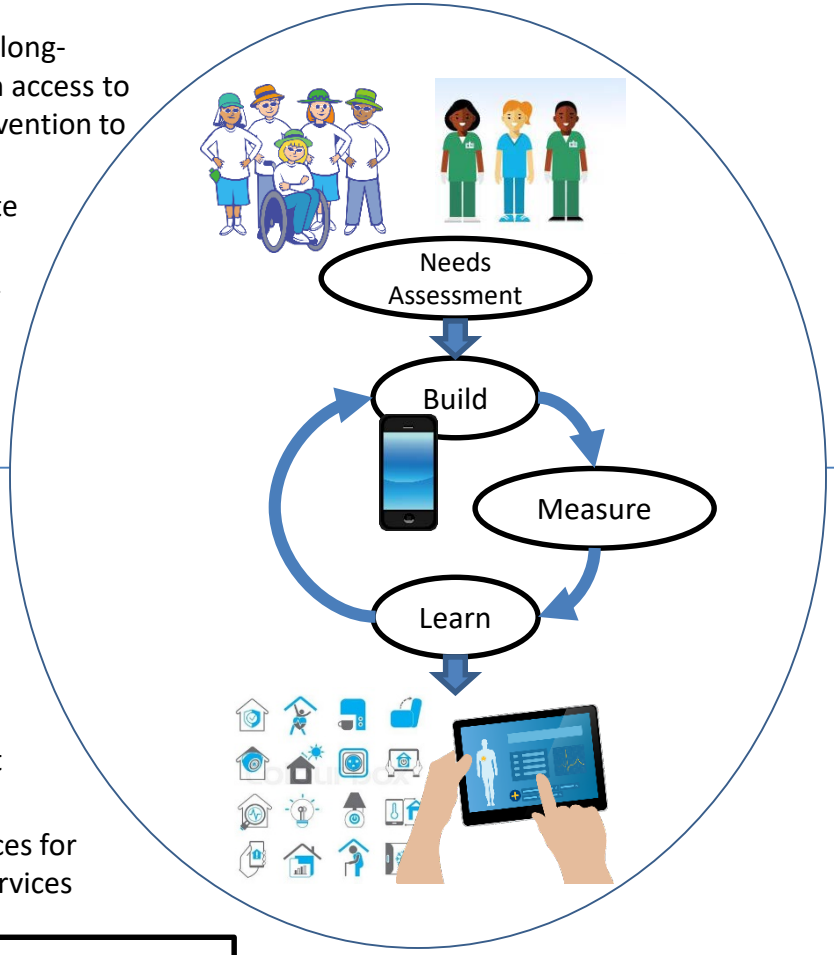
Acceptance and effectiveness of tele-services depends on both the technology characteristics and stakeholders preferences.

## Solution:

*Lean Design* to develop and evaluate sensor-mediated services in PSH

1) Minimally intrusive environment and user-borne sensors
2) Privacy-preserving data sharing algorithms that can be tuned to meet stakeholder expectations

3) Portable and low-cost user interfaces for accessing the Internet and remote services




## Scientific Impact:

Minimum Viable Products designed collaboratively with community stakeholders to demonstrate technologies useful in PSH

A model of socio-technological factors to predict when tele-services can be effective in PSH.

Include privacy preferences of the PSH community in the design of privacy-aware sensor networks

## Broader Impact and Broader Participation:

Community partners (supportive housing providers in California) are building new PSH units and project outcomes will inform the design of future supportive housing.

The project will increase interdisciplinary partnerships within the university and engagement with the community

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