



PROJECT TITLE: Advancements in Social Determinants of Health

PROPOSAL NUMBER: 01 - 06191.UL

PIs: Jennings

RESEARCH THEME: Population Health

BUDGET: \$50,000

UNIVERSITY: UL

PROJECT YEAR: 1

PROJECT DESCRIPTION:

Research has consistently shown that where and how people live is equally, if not more, influential than clinical care on individuals' lives. Therefore, it is vital to understand where research stands with regard to key social factors and the efficacy of related interventions. This project will review the literature around identified social determinants of health to uncover evidence-based best practices, assess population health baseline data, and conduct initial social network analyses in funded project communities.

HOW THIS IS DIFFERENT THAN RELATED RESEARCH:

While numerous studies have examined the many social determinants of health, this project will systematically review the literature in areas of social connection, food security, asset security, and post-secondary success and sustainable employment. In addition, a social network analysis will be conducted within each of the Humana Foundation-funded communities to understand existing inter-agency relationships that address one or more of the aforementioned social determinants of health.

EXPERIMENTAL PLAN:

- Month 1: Refine systematic review research questions, establish baseline data points and outcome measures, and identify all organizations to be surveyed.
- Months 2-4: Conduct systematic literature reviews, define networks within each lead organization, and establish the type of inter-organizational relationships identified.
- Month 5: Finalize papers for publication, obtain IRB approval, and extract census-level data.
- Months 6-8: Collect baseline network data across communities.
- Months 9-12: Analyze social networks and write papers & reports.

EXPECTED MILESTONES:

- (1) Perform systematic literature reviews
- (2) Assess baseline population health data found in communities
- (3) Conduct social network analyses across all communities

BENEFITS TO INDUSTRY:

This project will help industry members understand the impact of their investments to improve population health and disseminate information about those investments to their partners, community stakeholders, and the healthcare industry and academic communities.

EXPECTED DELIVERABLES:

- (1) 3-4 systematic literature reviews
- (2) Report of baseline population health data in communities
- (3) Report of organizations included in community networks, and a baseline measure of their inter-organizational collaboration related to their community project