Designing Equitable Health Systems
Using Network Analysis

Stephanie Bulterm, Senior Researcher, University of Colorado Denver Center on Network Science
Haley Murrow, Associate Director of Community Engagement, Better Health Together
Amy Riffe, Epidemiologist 2, Spokane Regional Health District Data Center
Stacy Wendell, Program Manager, Spokane Regional Health District Data Center
Alison Poulsen, Executive Director, Better Health Together

CONTEXT

PROBLEM
Transforming the health care system as required by the Patient Protection and Affordable Care Act of 2010
“A health system consists of all organizations, people, and actions whose primary interest is to promote, restore, or maintain health.” World Health Organization

How can we:
Map the system?
Coordinate actors?
Design a more equitable system?

CONCLUSIONS

Health systems with a coordinating entity that have high centrality are associated with better outcomes.
(Burt 1982; Provan and Milward 1995; Mitchell and Sherriff 2000)

Ensuring equitable representation of historically underrepresented groups is a vital component of successful health systems.
(Towe et al. 2016; Emerson and Nabatchi 2015)

Collaborative networks addressing a broad problem set should have diverse member representation.
(Mitchell and Sherriff 2000)

REFERENCES


