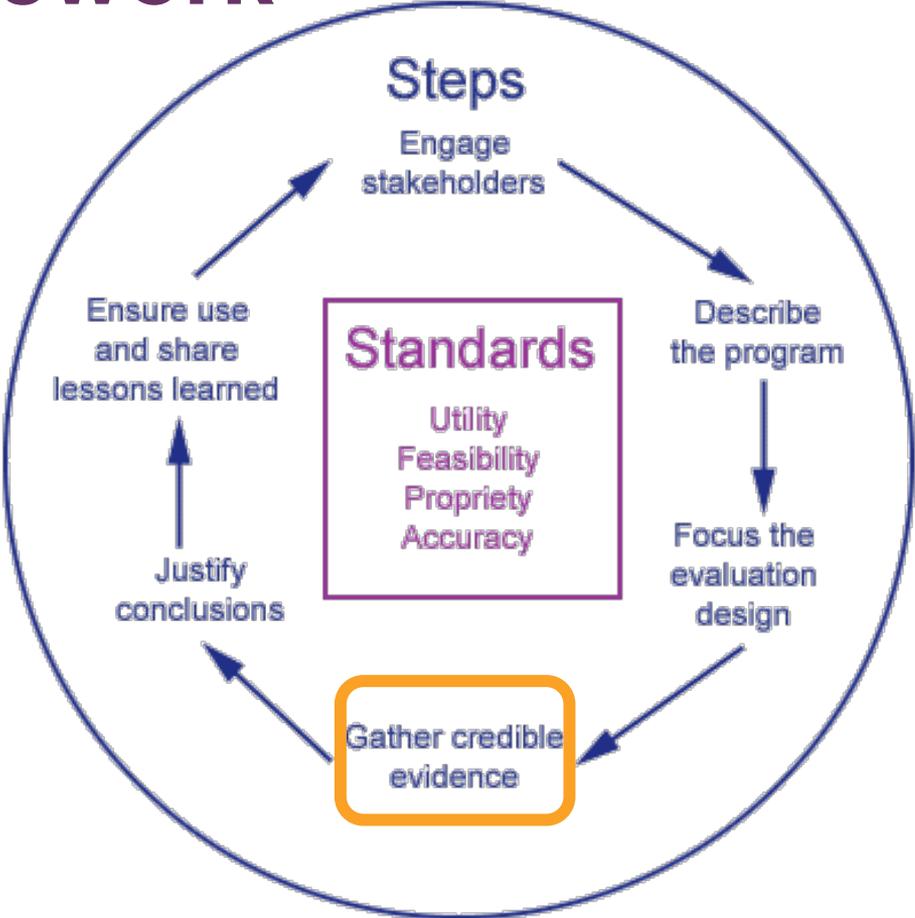

Crowdsourced data for use in health policy evaluation

Lara Hilton, MPH
Claremont Graduate University
RAND Corporation
lara.hilton@cgu.edu

CDC Framework



Agenda

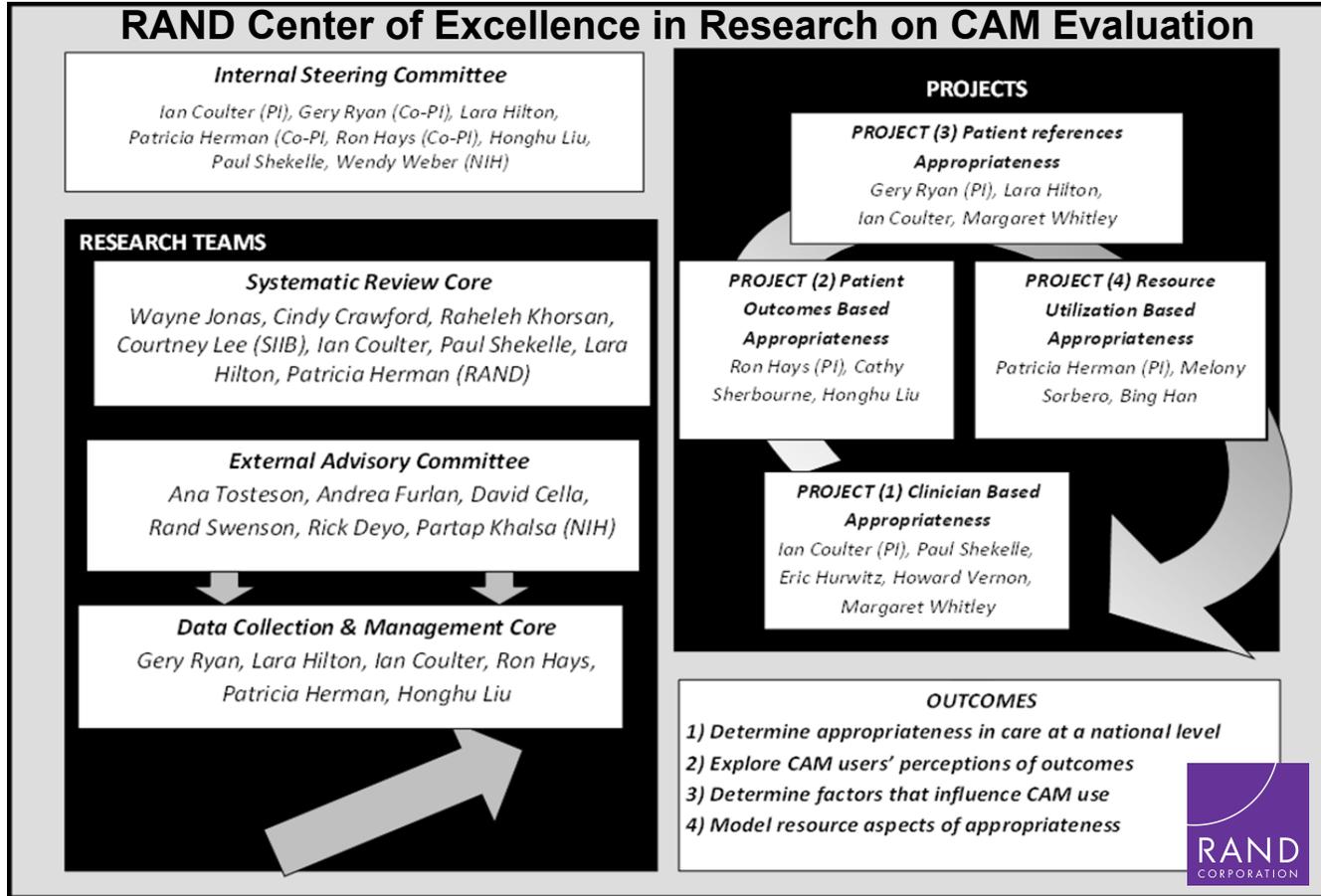
- Review literature on utility of crowdsourcing using Amazon Mechanical Turk platform
- Share design of NIH proposal to test crowdsourcing for a health policy evaluation
- Implications for RoE and evaluation practice

Context

- Policy shift toward patient-centered processes
- Data is expensive, time consuming to collect
- Challenges with diversity, representativeness
- Innovative, novel approaches could be tested



RAND Corporation Study



Aims and Methods

Aim 1. Compare data

Aim 2. Test coding, analysis

Aim 3. Assess quality, efficiency

Get Results from Mechanical Turk Workers

Ask workers to complete HITs - *Human Intelligence Tasks* -
and get results using Mechanical Turk. [Get Started.](#)

As a Mechanical Turk Requester you:

- Have access to a global, on-demand, 24 x 7 workforce
- Get thousands of HITs completed in minutes
- Pay only when you're satisfied with the results



Methods Notes

- Participant selection
- Data collection
- Incentives
- Limitations



Make Money by working on HITs

HITs - *Human Intelligence Tasks* -

are individual tasks that you work on. [Find HITs now.](#)

As a Mechanical Turk Worker you:

- Can work from home
- Choose your own work hours
- Get paid for doing good work



Implications for RoE and Eval Practice

- Provide credible evidence
- Provide low cost, time efficient methods
- Patient-centered framework
- Applicable beyond my narrow health policy application

Proposal Status

- Submitted as an R21 to NIH/NCCIH
- Scientific review yielded competitive score
- Awaiting summary statement and funding decision
- Will begin work early next year whether funded or not! 😊

