

CommunityRx

Connecting Health Care to Self Care

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Disclosures (please see bio)

Under the terms of Grant Number 1C1CMS330997-01-00 (Lindau, PI) from the Department of Health and Human Services, Centers for Medicare & Medicaid Services we were expected to develop a **sustainable business model** which will continue and support the model that we tested after award funding ends.

Dr. Stacy Lindau is the founder and owner of a social impact company NowPow, LLC and president of MAPSCorps, 501(c)(3).

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5R01AG047869 (ST Lindau, PI)

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NIH CTSA Pilot 4UL1TR000430 (J Solway, PI; ST Lindau, PI of Pilot)

CommunityRx Theory of Change

Anderson's Behavioral Model of Health Services Use (1995)

FIGURE 7. An Emerging Model—Phase 4

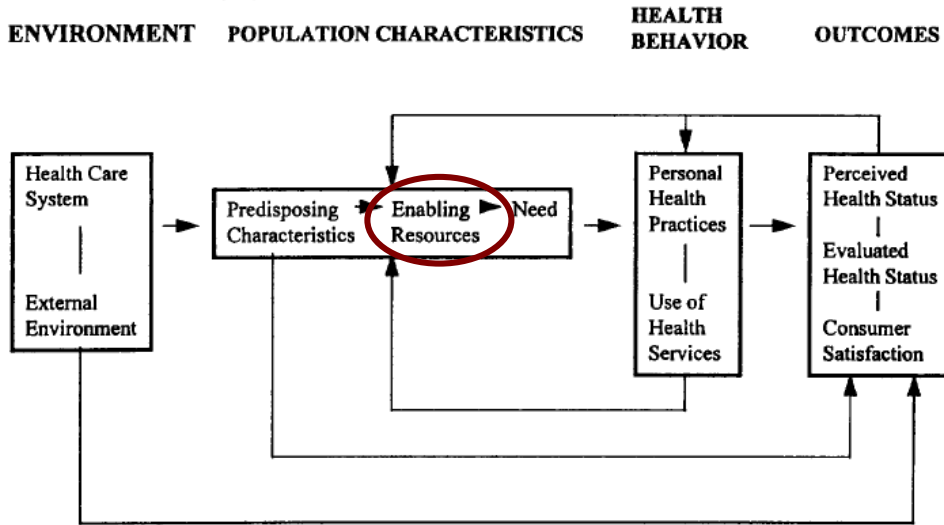
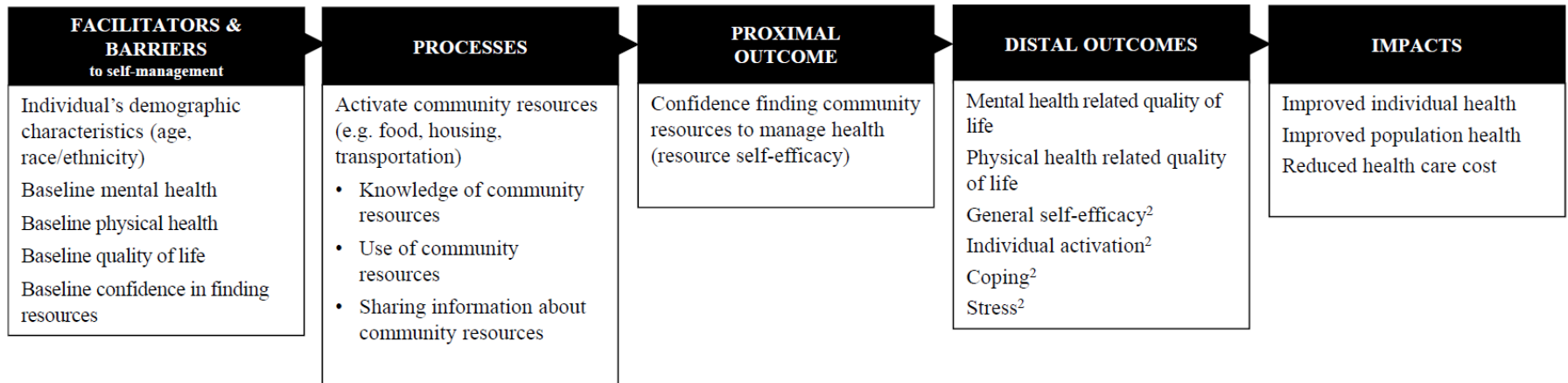


FIGURE 3. Initial Concepts of Mutability

MODEL COMPONENT	DEGREE OF MUTABILITY
DEMOGRAPHIC	LOW
SOCIAL STRUCTURE	LOW
HEALTH BELIEFS	MEDIUM
ENABLING	HIGH
NEED	(LOW?)

Adaptation of Grey et al Model of Self- and Family-Management (2015)



MAPSCORPS



288 local youth employed to generate data for **19,589** places



37 condition algorithms linked **3** EMR platforms to CommunityRx database at **33** health care sites

CommunityRx



>113K participants received **>253K** personalized HealthRx **>7,000** community resources



Businesses and organizations serving the community have more demand



19% went to community resource found on HealthRx
49% told someone else about HealthRx



Nov. 2016

HealthAffairs

By Stacy T. Lindau, Jennifer Makelarski, Emily Abramsohn, David G. Beiser, Veronica Escamilla, Jessica Jerome, Daniel Johnson, Abel N. Kho, Karen K. Lee, Timothy Long, and Doriane C. Miller

CommunityRx: A Population Health Improvement Innovation That Connects Clinics To Communities



Engagement



Satisfaction



Equity

March, August 2017



Healthcare Utilization over 3 years

Third Annual Report + Addendum, RTI, CMMI Third Party Evaluator
<https://downloads.cms.gov/files/cmml/hcia-crppm-thirdannrptaddendum.pdf>

Feb. 2019



CommunityRx: A Real-World Controlled Clinical Trial of a Scalable, Low-Intensity Community Resource Referral Intervention



HRQOL, Self Efficacy
over 3 months

Stacy Tessler Lindau, MD, MAPP, Jennifer A. Makelarski, PhD, MPH, Emily M. Abramsohn, MPH, David G. Beiser, MD, MS, Kelly Boyd, BS, Chialung Chou, PhD, Mihai Gureanu, PhD, Elbert S. Huang, MD, MPH, Chuanhong Liao, MS, L. Philip Schumm, MA and Elizabeth L. Tung, MD, MS

CommunityRx Trials Underway

Targets	Population	Setting	Region	Design	Funder	Status
ABCS	CVD risk (N=226 practices)	Small primary care practices	Midwest states	RCT	AHRQ Evidence Now ¹	Dissemination
Research recruitment, enrollment	Patients eligible for asthma, COPD studies (N=13,437)	Academic medical center	Chicago	Prospective implementation study vs. usual practice	NIGMS CTSA (pilot) ^{2, 3}	Dissemination
Food insecurity, self-efficacy, health, healthcare satisfaction	Caregivers of hospitalized children and children (N=640)	Children's hospital inpatient units	Chicago	Double blind RCT	NIMHD R01 ⁴	Starting
HRQOL, self-efficacy	Middle age, older Medicare/Medicaid recipients (N=411)	Academic primary care and emergency medicine clinics	Chicago	Pragmatic trial, randomized by alternating calendar week	NIA R01 ^{5, 6}	ABM underway

1. AHRQ R18HS023921, Abel Kho, PI 2. NIH CTSA Pilot 4UL1TR000430 (J Solway, PI; ST Lindau, PI of Pilot) 3. Feldmeth et al. In press. *JAMIA*. 4. NIH/NIMHD R01MD012630, ST Lindau, PI 5. NIH/NIA R01AG047869, ST Lindau, PI 6. Lindau et al. 2019. *AJPH*.

Factors affecting Translation

CLINICIANS

End-user

Peer-review evidence

Moral distress

Better care

All utilizers

Vertical integration

Research, innovation
interests

ADMINISTRATORS

Intake

Institution-specific ROI

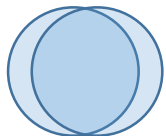
Regulatory distress

Lower costs

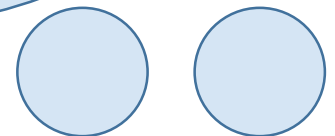
High utilizers

Horizontal integration

Venture interests



Early Adopters



Laggards



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[@stacylindau](#)