

Is moving health prevention to the mountain an effective intervention to increase access to care for exceptionally remote communities in Northern Arkansas?

A community-academic partnership helps answer that question

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Presentation Objectives

- Describe the community-academic partnership model
- Discuss how community-academic partnerships lay the foundation for in-house capacity building in program evaluation
- Identify 3 ways in which a conceptual framework is a valuable tool for program evaluation
- Apply conceptual frameworks in program evaluation for community-based health care organizations



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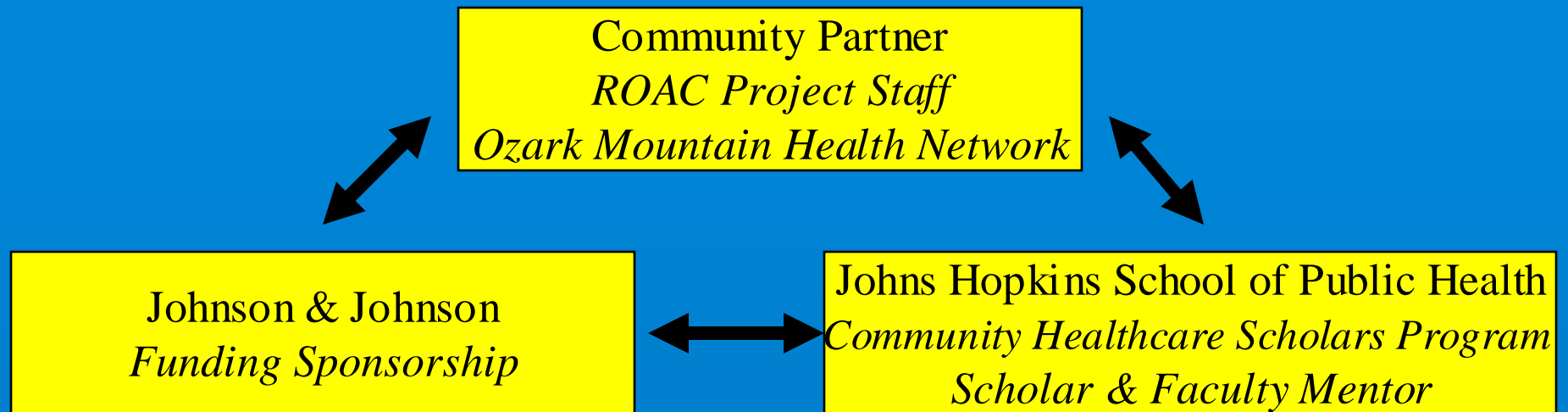
Partnership Overview

- Grantmaking model:

Funding agency (J&J) partners academic institution (JHSPH) w/ grantees (OMHN) to build organizational capacity in program evaluation



Highlighted Partnership



Partnership Goal:
Build in-house capacity and sustainable skills
to conduct evaluation of this and future projects



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Ozark Mountain Health Network (OMHN)



- Collaborative health services organization
- Works with exceptionally remote, rural communities in northern Arkansas
- Works to facilitate disease prevention and health care literacy
- Reach Out and Connect (ROAC)



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Demographics – Van Buren & Searcy Counties



- Population
 - Arkansas: 2,779,154
 - VanBuren: 16,529
 - Searcy: 7,969
- Race/Ethnicity (97% white)
- Median household income is half of the US average
- Nearly 20% of population under poverty line
- Education level lower than US average
- 20-23% >65 year of age: Higher than US average

Residents and Access to Care

- **20% and 32% of persons are uninsured in Van Buren and Searcy counties, respectively**
 - Compared to 13 and 17% of US and AR
 - 62% could not afford coverage
- **51% of adults in both counties did not see a doctor when needed because of cost**
- **25% had no routine check up in the past year**
- **Compounded by poor HCP/patient ratios**
 - PCPs to 1000 persons: 2.0 in AR vs 2.6 in US
 - RNs to 1000 persons: 7.3 in AR vs 8.0 in US



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(UAMS, 2006; BRFSS of Van Buren and Searcy Counties, 2004)

Health Status of Residents

Adults (%) reporting:	US	AR	Van Buren	Searcy
High Blood Cholesterol	33.0	35.0	41.0	36.0
High Blood Pressure	24.8	30.5	37.0	34.0
Diabetes	7.0	7.0	8.0	7.0
Overweight (BMI >30)	59.0	61.0	66.0	65.0
CV-related death rate (per 100,000)	246.8	279.1	387.1	440.3



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(BRFSS of Van Buren and Searcy Counties, 2004; CDC Wonder, 2006)

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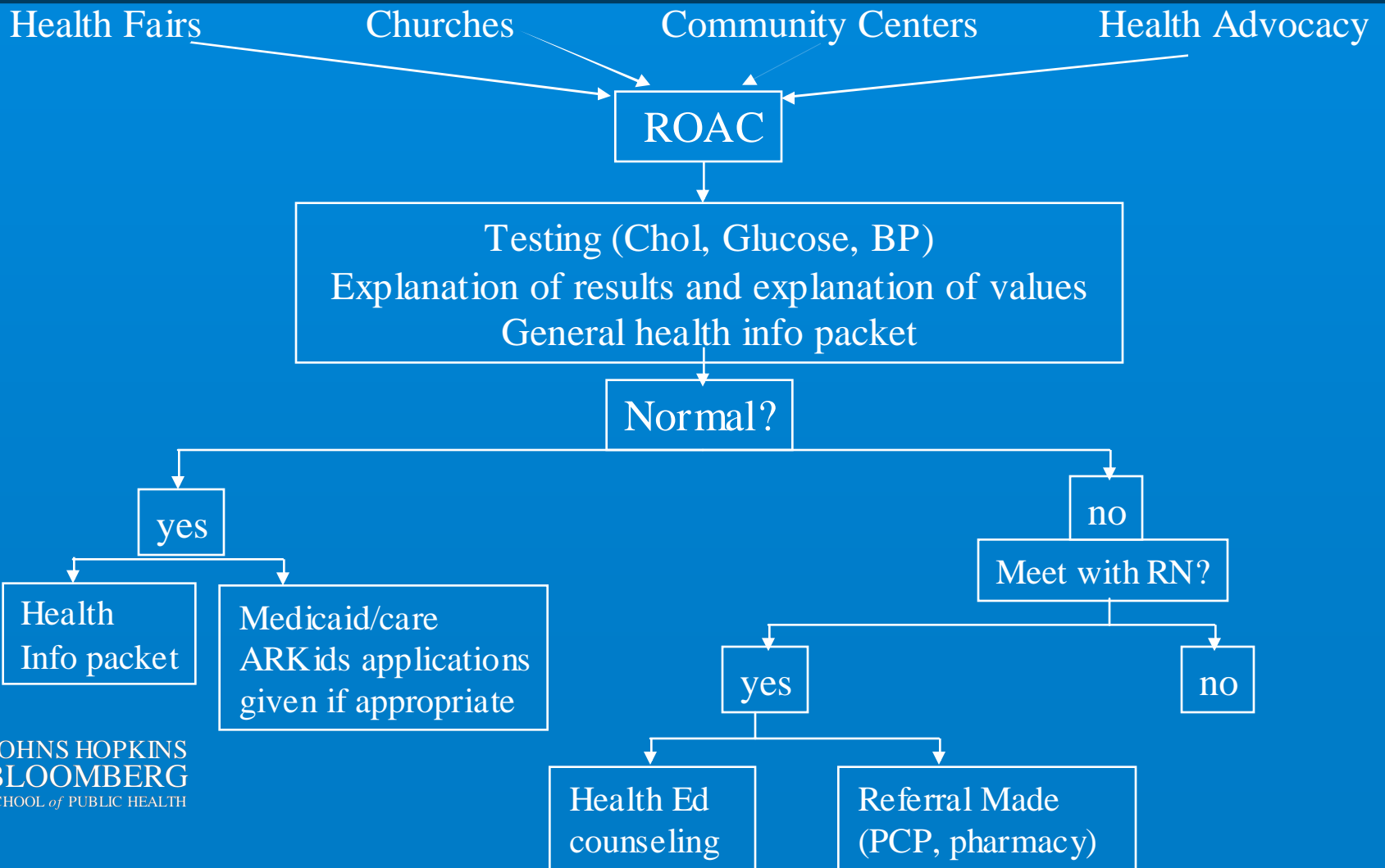
Capacity Building

- Participatory process
- Revisit the goals, objectives, indicators
- Develop a Conceptual Framework
- Compile and review data sources



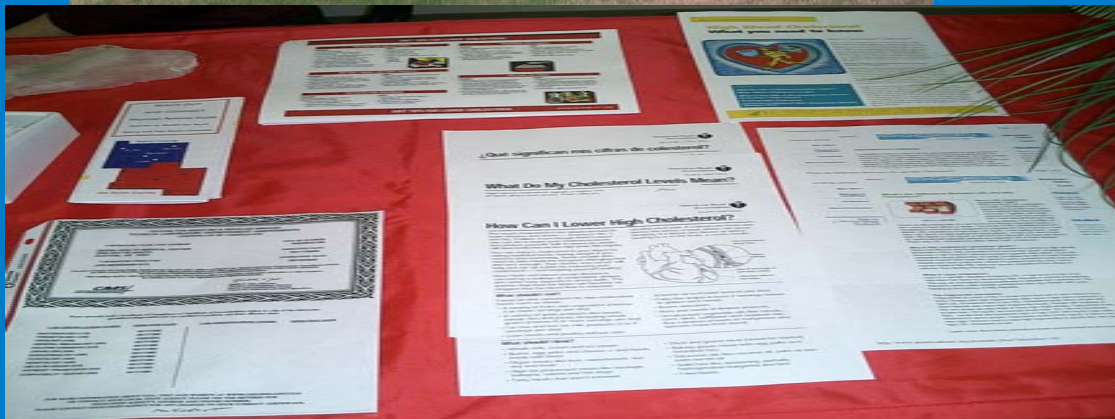
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ROAC Algorithm



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The Project: Reach Out and Connect



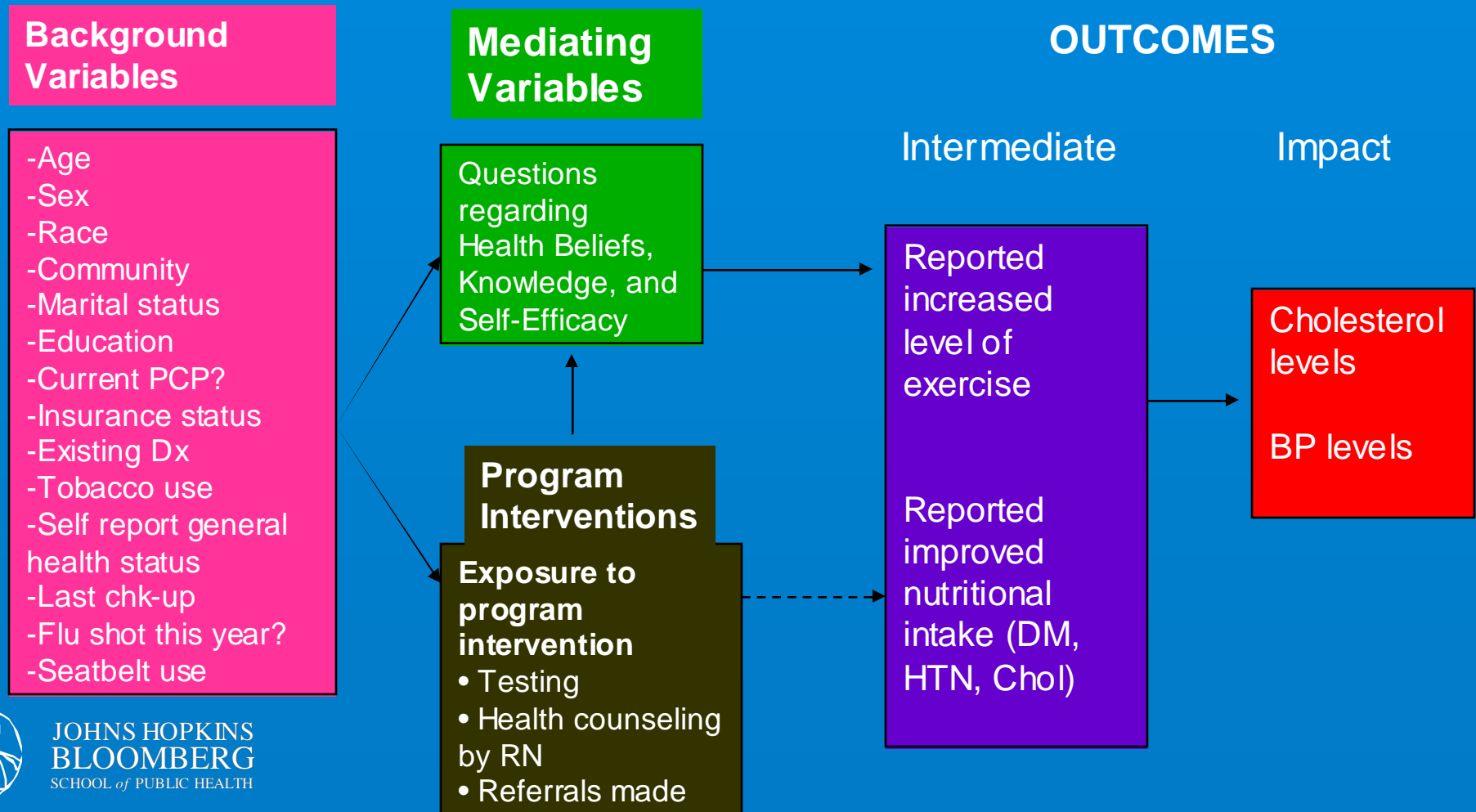
Why a Conceptual Framework?

1. Helps to identify the variables, what is being collected and what needs to be added.
2. Can serve as a roadmap for going forward
3. Can serve as a reference throughout the program to ensure accuracy of evaluation



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ROAC Conceptual Framework



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Building on the Conceptual Framework

- **Data sources refined**
 - To reflect CF but also for ease of use in field
- **Database development training**
 - Staff were trained to create a database and enter data using Epi Info
 - Discussion of how to handle “real world” data, including missing values and streamlining multiple data sources



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Building on the Conceptual Framework

- **ROAC staff finalized the Epi Info database for monitoring and evaluating the project**
 - ROAC staff took ownership of creation and used me as a reference
 - Sent versions to me via email to check, troubleshoot, and advise
- **Once completed, ROAC staff began entering data from health screenings**



Summary: Community-Academic Partnerships

- **Community based organizations (CBOs) are critical for bringing health access to remote communities**
- **CBOs depend on demonstrating a positive effect on their clients in order to sustain themselves and grow**
- **Community-academic partnership model**
 - Combines technical expertise, local knowledge, and resources
 - Empowers CBOs to meet evaluation needs and satisfy stakeholder expectations
 - Provides invaluable field experience for academic partners



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Special Thanks



- ROAC Staff
- Fellow J&J scholars
- Johnson & Johnson Community Health Care Program
- Dr. Fannie Fonseca-Becker, Director of the J&J Community Health Care Scholar Program at JHSPH

