Finding your passion in Public Health
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CEOMPH Alumni Forum
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The planting of the seed
Good soil made it grow

Background
- West side
- College prep
- College scholarship

Secondary education, Take 1!
West Virginia University
- BS, Exercise Physiology
- MS, Exercise Physiology, emphasis in Aquatic Therapy

The inspiration
Wellness Program Coordinator
Adjunct Professor

Eureka!
Infant Mortality Rates (IMR)

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<th>U.S.</th>
<th>Ohio</th>
<th>Mahoning*</th>
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<td>overall</td>
<td>6.0</td>
<td>7.4</td>
<td>8.3</td>
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<tr>
<td>white</td>
<td>5.1</td>
<td>6.0</td>
<td>5.2</td>
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<tr>
<td>black</td>
<td>11.2</td>
<td>13.8</td>
<td>17.7</td>
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National, State, and Local Data
The Pathways Community HUB Model creates an effective way for organizations to work toward common goals.

Common Goal—Reducing Health Disparities

Central Registration – Agencies as a Team

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Mental Health

County agency

Hospital

State-funded outreach program

Primary Health Home

Health Department

Community HUB

Schools

Community-based agency

One Care Coordinator → One Outcome (Pathway)

- NO DUPLICATION
- MEASURABLE RESULTS, TIED TO FUNDING

How does the HUB Model work?

Find → Treat → Measure

Who could benefit from the HUB?

Those most at-risk for poor birth outcomes are:

- African-American
- 12 yrs or less education
- Medicaid as a primary insurer
- Limited social support

Mahoning County Pathways HUB

Why focus on the most at-risk?

- 5% of population uses 50% of health care resources
- Most at-risk are often the hardest to serve → no incentive to serve them.
- Access for all (insured and un-insured) has gotten worse over the past 10 years

The HUB in nutshell

Agency Collaboration

At-risk population

Evidence-based programming
The 20 Standardized Pathways

- Addressing barriers, reaching goals

- Adult Education
- Behavioral Health
- Developmental Screening
- Developmental Referral
- Education
- Employment
- Family Planning
- Health Insurance
- Housing
- Immunization Screening
- Immunization Referral
- Lead
- Medical Home
- Medical Referral
- Medication Assessment
Medication Management
Pregnancy
Post-Partum
Smoking Cessation
Social Service Referral

Example - Pregnancy Pathway

- Identify/ enroll at risk
  - Care Coordination
  - Evidence based Intervention
  - Final Outcome

Determine and document barriers
1. Insurance status
2. Transportation
3. Importance of Preventive Care
4. Psychosocial barriers

Primary care provider establishes
role and ongoing care coordination

Completion Step
Healthy baby > 2500 grams

Low Birth Weight within CHAP as a Single Agency Using Pathways

Low Birth Weight Across the Region - Implementing a Pathways Community Hub

Does the HUB really work?
Testing the theory

Core Competencies

Generalist Competencies

Use basic techniques and statistical software to select, evaluate, and interpret health data:

- Apply analytic reasoning and methods
- Interpret scientific and technical results, including the cognitive and behavioral limitations of scientific evidence
- Rationale: statistics, strengths and weaknesses of inferential statistical design types
- Apply behavioral health techniques in developing community health promotion and intervention programs
- Evaluate the effectiveness of health promotion and intervention programs
- Use models of preventive health and health promotion to guide prevention and intervention programs
- Rationale: the cognitive and behavioral limitations of scientific evidence
- Use collaborative strategies in the design of policies, interventions, and programs
- Communicate public health information to lay and professional audiences, using appropriate channels and technologies and with the goals of public health and health promotion
- Use technology and organizational learning opportunities for personal and professional development
Thank You!

http://www.odh.ohio.gov/~/media/ODH/ASSETS/Files/cfhs/Infant%20Mortality/2013%20Ohio%20In

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Program: https://pcподобvingstitute.org/hub-model/

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