Pharm to Farm  
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Objectives

0 Identify opportunities for collaboration with health professions schools to provide outreach services to AgrAbility clients

0 How to incorporate pharmacy students to educate AgrAbility clients about safe use of medications

0 Discuss health outreach services that are within close proximity to AgrAbility clients

How it all started...

innovation  
collaboration  
service  
education
Knowing Your Population...
Rural Missouri

- 58% of Missouri hospitals
- Majority with fewer than 25 beds
- 18% of Missouri’s primary care physicians

Leading cause of death in Missouri....

- Rural heart disease death rate: 261.5 vs urban 235
- Rural counties make up 92% of counties with death rate higher than state rate

Stroke: Cause of disability & death

- The stroke mortality rate for Missouri’s rural counties (58.4) significantly higher than the rate for Missouri’s urban counties (52.5)
- Rural counties make up 88% of the counties that have a stroke mortality rate significantly higher than the state rate
Needs Assessment

- COPD:
  - 4th leading cause of death in Missouri
  - Rural death rate (53.2) due to COPD significantly higher than urban rate (45.6)

- Diabetes:
  - 6th leading cause of death in Missouri
  - Rural Missouri counties make up 82% of the Missouri counties with significantly higher rate of diabetes deaths than the state rate

Partners on Campus

- Health professions students
  - Pharmacy
  - Medical
  - Nursing
  - Occupational therapy/Physical therapy
  - Respiratory therapy
  - Student organizations
  - Network with faculty
  - Identify common goals/mission
  - Research

Why pharmacy students?

- "most accessible healthcare profession"
- "among most trusted healthcare professionals"
- medication expert
- Knowledge and Training
  - Assessment
  - Safe medication use
  - Communication skills
    - Health literacy
    - Adherence
    - Counseling
    - Education
    - Patient advocate
Safe medication use

- No medication is benign
- Assess drug interactions
- Prevent adverse effects
- Patient-centered
- Educate and empower patients

Venues

- Considerations
  - target population
  - proximity
  - access
  - services offered
  - feasibility
  - cost
  - awareness
  - advertising

- Accessible locations employed:
  - Public health & wellness events
  - County and state fairs
  - Community centers
  - Farm safety days
  - National Western Farm Show
  - AgrAbility On-site Farmstead Assessments
Alignment of common goals

Questions?

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