



What is a PBRN?

- Definition
- Purpose
- Benefits
- Funding

AJHP 2007;64:2044-2049

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PBRN History

- Family Medicine and Pediatrics
- Important research
- Funding history

JABFM 2006;19:1-10

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Pharmacy & PBRNs

- Pharmacy Organization PBRN initiatives
 - AACP
 - ACCP
 - APhA
- Successful Pharmacy PBRNs

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Session Outline

- AACP PBRN Development Strategies 1 & 2
- Breakout/Active Learning
- AACP PBRN Development Strategies 3 & 4
- Breakout/Active Learning
- Panel Discussion

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Strategy 1

Establish relationships with key stakeholders

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Identify Stakeholders

- University of Arkansas for Medical Sciences (UAMS)
 - Dean's 5 year goals for College
 - College of Pharmacy Development Office
 - Arkansas Center for Clinical & Translational Research
- Pharmacy Organizations
 - Local ACCP chapter
 - Local ASHP chapter

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Identify Stakeholders

- Arkansas Area Health Education Centers



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Define the Concept of the PBRN

- Improving patient outcomes through pharmacist's interventions in the ambulatory setting
- Formation of Exploratory Committee

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Identify Stakeholders

- University of Tennessee faculty attend AACP's PBRN conference
- Present information to clinical faculty in Clinical Pharmacy department
- Department Chair lends full support

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Identify Stakeholders

- Formation of exploratory committee
 - Ambulatory Care and Community pharmacist practitioners
 - Health Outcomes and Policy Research Program
 - Tennessee Pharmacist Association
- Consensus for the need of a PBRN

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Identify Stakeholders

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Strategy 2

Develop a rigorous and robust research program that studies and improves patient care

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Identify funding sources

- Seed funding for development
- Infrastructure support
- Possible initial funding sources
 - NIH, AHRQ
 - APhA, ASHP, ACCP, AACP
 - ADA
 - PharmA

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Identify funding sources

- Project Diabetes in the Cover TN Plan:
 - \$50,000 Planning grant
 - \$250,000 Implementation grant
- Project Diabetes grant of \$250,000 awarded
- Continuation funding of \$125,000 awarded

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Determine topic focus

- Funding priorities
- Feasible research topics for this network
- Clinical services of network practice sites

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Determine topic focus

- Research/data of network practice sites
- Research topics vs impacting patient care
- Impact of Pharmacist interventions

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Develop PBRN Structure

- PBRN Leadership (Executive Committee)
 - Director
 - Assistant Director
 - Members at Large (3)
 - College Administration
- PBRN Structure (Subcommittees)
 - Policies/Procedures
 - Funding
- Stakeholders and Partners
 - Membership (Full- and Part-time faculty)
 - Registered with ACCP PBRN

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Develop PRBN Structure Leadership

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    graph TD
      Director[Director] --> AD[Assistant Director]
      AD --> EC[Executive Committee]
      AD --> FC[Funding Committee]
      AD --> PC[Policy Committee]
      EC --- EC_roles["-Members at Large (3)  
-Data Analyst  
-Health Outcomes Expert  
-Associate Dean, Clinical Translational Sciences  
-Department Chair"]
      FC --- FC_roles["-Identify potential funding avenues  
-Present funding to Director and Assistant Director  
-Select a PI  
-Concept paper approval by Executive Committee  
-Compose and submit grant application"]
      PC --- PC_roles["-Develop policies/procedures  
-Review every 2 years  
-Revisions require membership vote"]
    
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Develop PBRN Structure

- Vision
 - To serve as a forum for pharmacists to conduct high quality clinical research related to medication utilization, clinical pharmacy practice, and pharmacist education/training.
- Mission
 - To provide a forum for pharmacists in Tennessee to conduct collaborative research focused on medication use, clinical pharmacy practice, and pharmacist education/training.
 - To optimize medication use and clinical pharmacist practice that results in high quality, reproducible clinical outcomes that are translatable to patient care.

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Develop PBRN Structure

- UT Pharm Net Policies/Procedures
 - Where to start?
 - Established PBRN documents
 - AHRQ PRBN resources
 - JAPhA issue on PBRNs
 - Drafted by subcommittee
 - Comments received from PBRN general membership
 - Reviewed by:
 - Office of Research
 - General Council
 - Department of Clinical Pharmacy

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Develop PBRN Structure

- Resources
 - Funded through grant funded project and supported by the College of Pharmacy
 - More to come...requires sustained funding
- Communication
 - Supported by current structure of the College
 - Live video conferencing with multiple locations, including non-college facilities
 - Utilizing dedicated Blackboard site as a repository for items specific to projects and the general PBRN

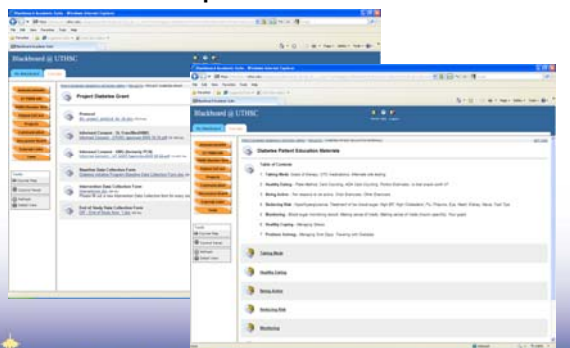
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Develop PBRN Structure



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Develop PBRN Structure




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Active Learning Opportunity

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Strategy 3

**Empower and Educate
Pharmacists to Participate**

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Empower & Educate Pharmacists

- Develop a resource center
 - Funding committee role
 - Identify potential funding avenues
 - Communicate potential funding avenues to the general membership
 - General Membership role
 - May identify potential funding avenues
 - Member is provided opportunity for PI status
 - Executive Committee role
 - Evaluate the quality of a potential project and provides feedback regarding quality of the grant proposal

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Empower & Educate Pharmacists

- Networking Tools
 - Blackboard website
 - Electronic mail communication
 - Quarterly meetings
- Identify and disseminate best practice models
- Develop education and training
 - University supported programs/resources
 - Seek outside training

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Strategy 4

Engage patients in practice based research

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Build relationships with patients

- Patient-pharmacist relationships
- Relationship between patient and practice site
 - Trust
 - Stability
 - Communication
- Public awareness of the profession's value
 - Consistent Message
 - Marketing

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Remove barriers to research participation

- Facilitate patient enrollment
 - Technology
 - Staff training
 - Stakeholders
- Integrate research into practice
 - Involve practice in design and planning
 - Technology
- Reinforce safety and minimize risk

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Active Learning Opportunity

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Panel Discussion

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