

www.mc.uky.edu/kan

UK



The Kentucky Ambulatory Network

KAN staff

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- ◆ Mary Barron, RN, BSN
- ◆ Ann Williamson, RN, BSN
- ◆ Jessica Houlihan, MPH
- ◆ Jennifer Wycoff



What is a practice-based research network (PBRN)?

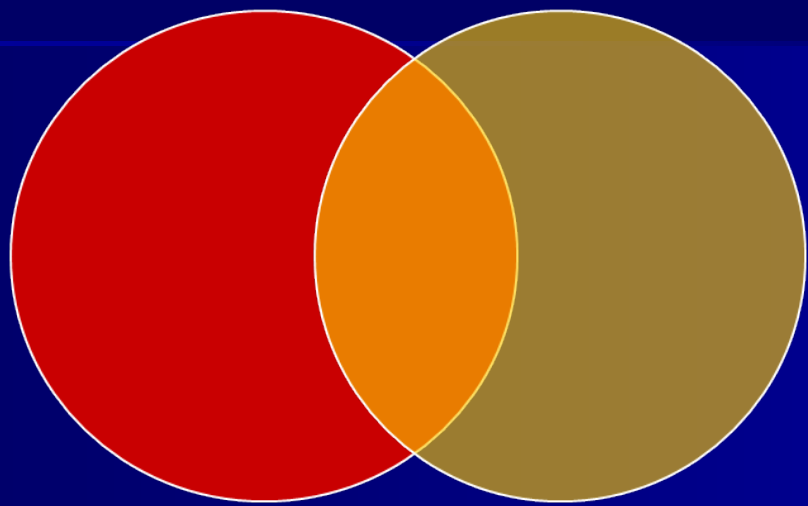
- ◆ **AAFP says:** a group of practices devoted principally to the care of patients but also affiliated for the purpose of examining health care processes that occur in practices. PBRNs are characterized by an organizational framework that transcends a single practice or study. They provide a "laboratory" for studying broad populations of patients and care providers in community-based settings.

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What is a practice-based research network (PBRN)?

- ✦ **AHRQ adds:** PBRNs often link practicing clinicians with investigators experienced in clinical and health services research, while at the same time enhancing the research skills of the network members.



RESEARCH

PRACTICE

PBRNs and the research continuum

Cells

Diseases

People

Practices

What's possible?

Can it work?

Will it work?
Is it worth it?



Biochemistry
Cells/Tissues
Exp. Animals

Other RCTs
Phase I - III Trials

Meta-analyses
Guidelines

Observations
Lg simple trials
Cost-effectiveness
Best Practices

Implementation
Dissemination

Re-engineering
Facilitation
Training

Basic Research

T1

Human Research

T2

Practice-Based Research

T3=QI

Practice

Not ready for humans

Not ready for patients

Not ready for practice

Ready for practice

KAN's Mission:

Enhance the ability of office-based clinicians to deliver high-quality primary health care to their patients through:

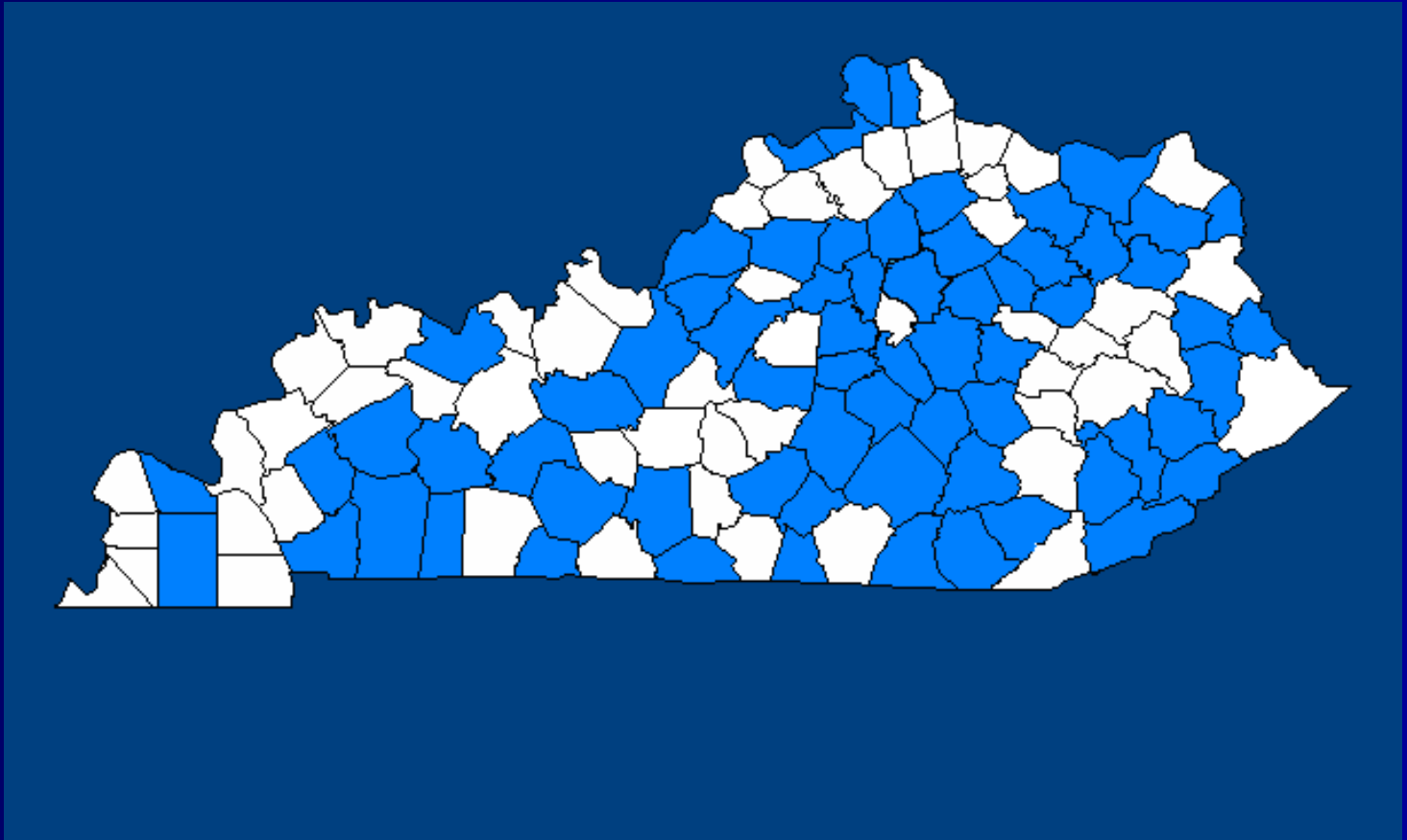
- ◆ Collaborative research conducted in primary care practices
- ◆ The translation of research into primary care practices

(Emphasis on the prevention and management of common health problems in Ky, and their broader implications)

KAN....Since 2000

280 Clinicians; 22 Studies

UK



Other KAN members



- ◆ Multiple faculty at UK and U of L with interest in primary care research
- ◆ Faculty and residents at all 7 Kentucky Fam Med residency programs

Some KAN research topical areas

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- ◆ Practice content
- ◆ CAM in primary care
- ◆ IT use in practice
- ◆ How PCPs seek info
- ◆ Access to K-CHIP
- ◆ Referrals to health promotion services
- ◆ PCP priorities in women's health
- ◆ Improving rates of cancer screening
- ◆ Practice-based QI
- ◆ CV risk & social support
- ◆ PCPs and familial Ca syndromes

Funding and support for KAN

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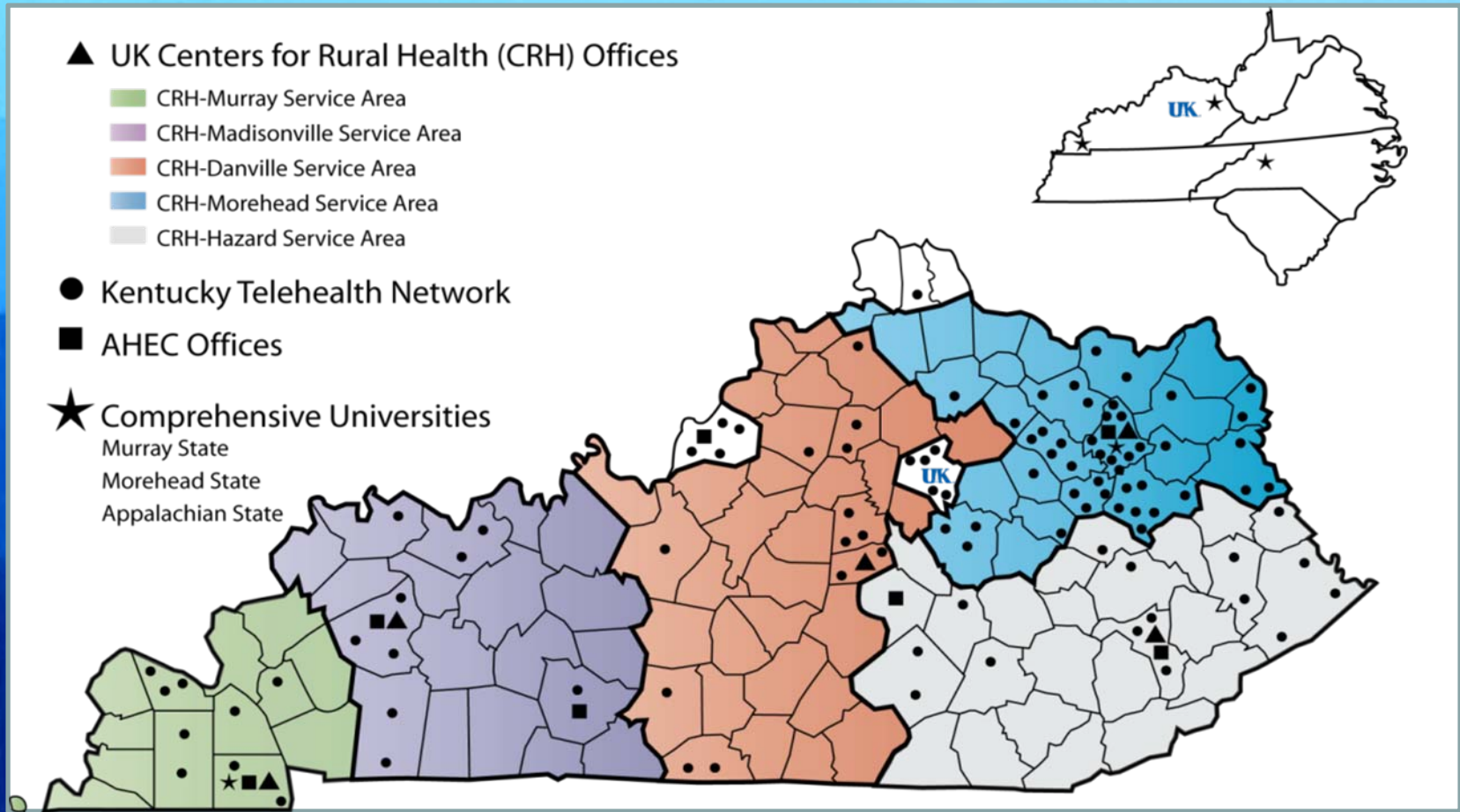
- ◆ UK COM & UK CCTS
- ◆ HRSA
- ◆ AHRO
- ◆ RWJF
- ◆ NIH
- ◆ KAFP
- ◆ AAFP

KAN Affiliations

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- ◆ U of L Dept. of Family & Geriatric Med
- ◆ Ky Academy of Family Physicians
- ◆ Natl. Federation of PBRNs
- ◆ AAFP Natl. Research Network
- ◆ UK Office of Research and Engagement for Advancing Community Health (REACH)
- ◆ New Kentucky PBRNs in other disciplines
 - ▶ Public Health, Oral Health. PT/Rehab, Pharm

Research and Engagement for Advancing Community Health REACH





KPHReN

Kentucky

Public Health

Research Network

New opportunities for KAN

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- ◆ HRSA support to expand and to enhance QI research capabilities
- ◆ NIH roadmap and CTSA initiative
- ◆ Comparative effectiveness research
- ◆ The ARRA (?)
- ◆ Growing need for QI and improved cost-effectiveness in healthcare, sensitive to improving primary care & care coordination
- ◆ EMRs and practice-based research
- ◆ KPHReN and other new PBRNs

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NIH Roadmap

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"It is the responsibility of those of us involved in today's biomedical research enterprise to translate the remarkable scientific innovations we are witnessing into health gains for the nation."

E. Zerhouni, *NEJM*, 2005

NIH Roadmap

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- ◆ "At the core of this vision is the need to develop new partnerships of research with organized patient communities, community-based health care providers, and academic researchers."