



National Center for
Research Resources

NATIONAL INSTITUTES OF HEALTH

Accelerating and enhancing research from basic discovery to improved patient care

NCCR Community Engagement Activities

Council of Public Representatives Meeting October 26, 2007

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Director

National Center for Research Resources



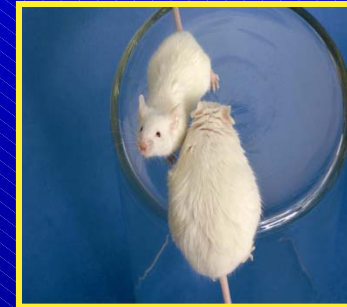
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Accelerating research from basic discovery to improved patient care



science
education

community
engagement

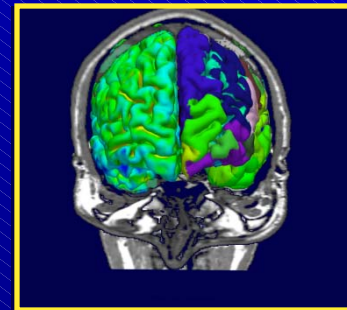


animal model
resources

Community

**Improved
patient
care**

Preclinical



imaging &
informatics
advances

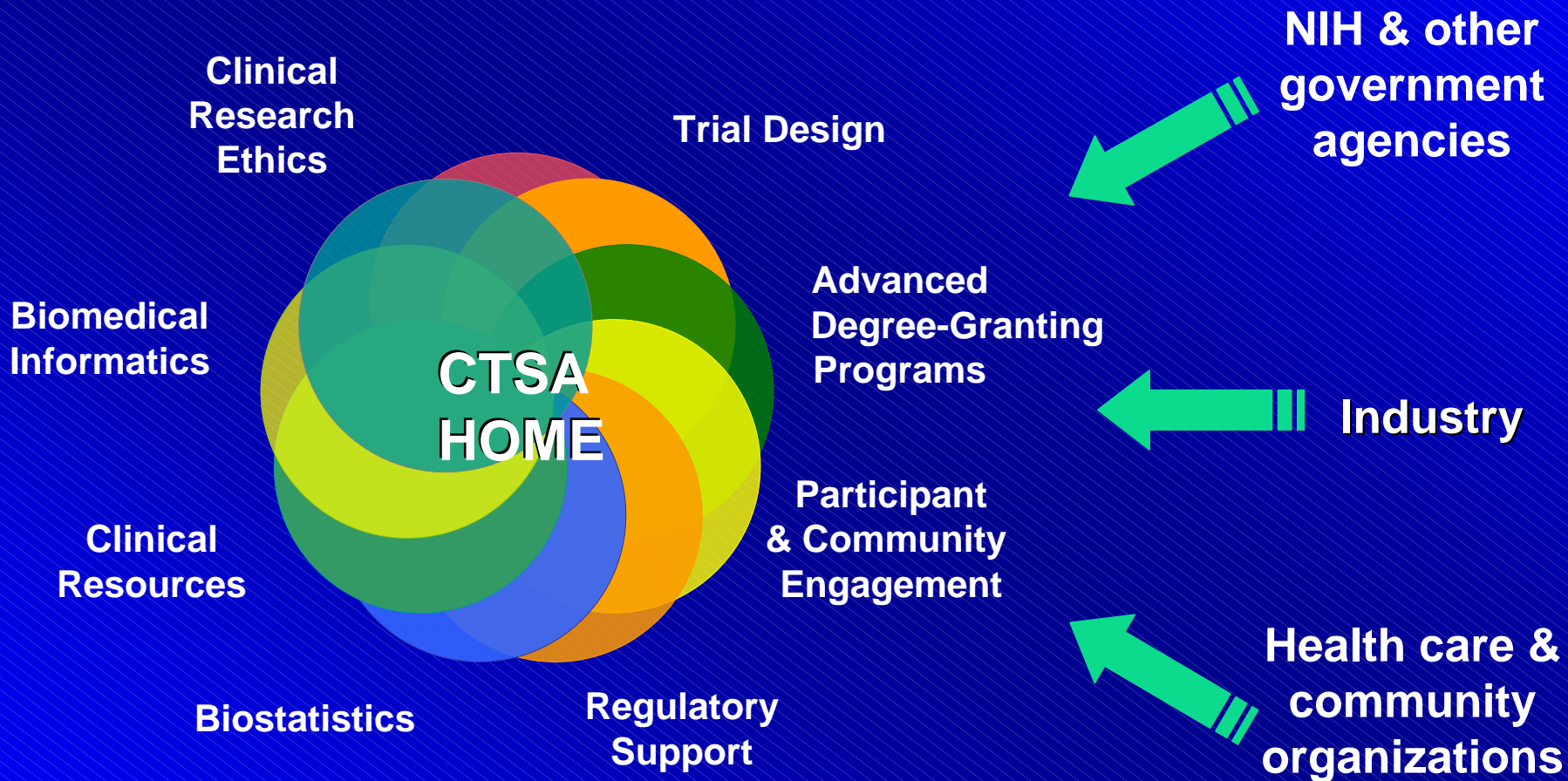
research
capacity
& training



clinical research
support

Clinical

Clinical and Translational Science Award (CTSA)



Each CTSA academic health center will create a home for clinical and translational science

Clinical and Translational Science Awards

- ❑ Catalyze change by eliminating institutional barriers
- ❑ Advance the discipline of clinical and translational science
- ❑ Integrate resources and training
- ❑ Identify and remove impediments to clinical and translational science
- ❑ Enhance community engagement

<http://wwwCTSAWeb.org/>



Connecting Resources through the CTSA Consortium

Opportunities to collaborate with:

- ❑ Private and public organizations
- ❑ Research Centers in Minority Institutions
- ❑ Underserved populations through IDeA States
- ❑ National Primate Research Centers
- ❑ National Cancer Institute Cancer Centers

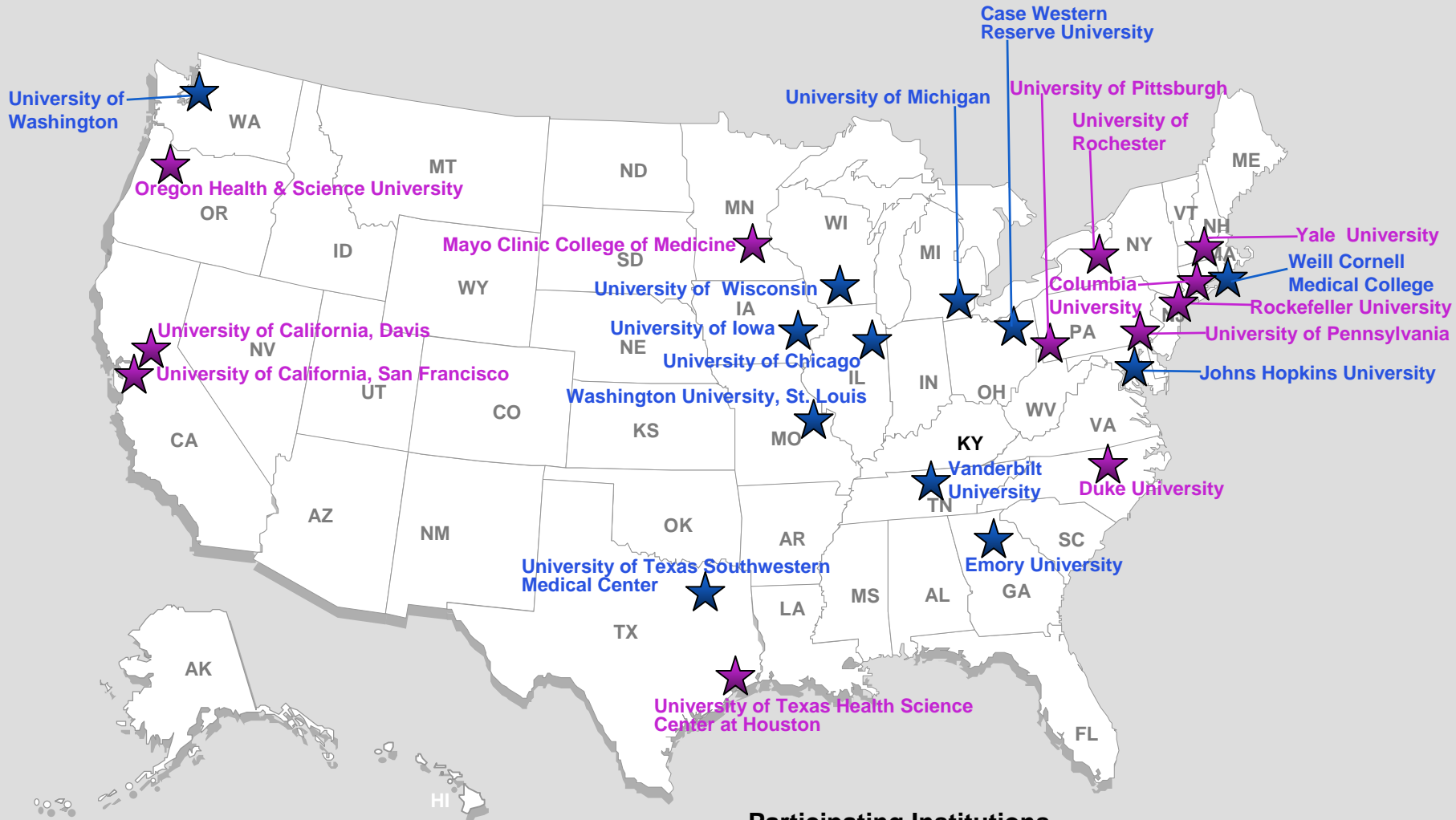


Expansion of the CTSA Consortium

How the new awardees will enrich the consortium:

- ❑ Will bring together more than 60 partner organizations
 - ❑ Opportunities to leverage and gain additional expertise
 - ❑ Partnering with health care providers, nonprofit organizations, national laboratories, and more
- ❑ Partnerships with three Research Centers in Minority Institutions
 - ❑ Emory University & Morehouse School of Medicine
 - ❑ Vanderbilt University & Meharry Medical College
 - ❑ Weill Cornell Medical College & Hunter College

Building a National CTSA Consortium



Participating Institutions

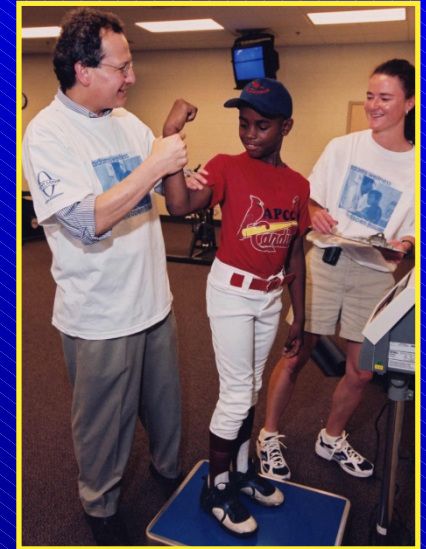
★ Since 2006

★ Since 2007

CTSA Community Engagement Steering Committee

Priorities

- ❑ Develop evaluation outcomes and metrics for community engagement research
- ❑ Share resources and instruments
- ❑ Establish a registry of community-generated research ideas and needs assessment
- ❑ Design educational curriculum



CTSA Community Engagement Steering Committee

Additional Priorities:

- ❑ Leverage partnerships for funding
- ❑ Interact with other CTSA programs
- ❑ Foster new research on the dissemination and implementation of relevant clinical & population-based research
- ❑ Establish community-based advisory boards



CTSA Community Engagement Activities – Supplement Awards

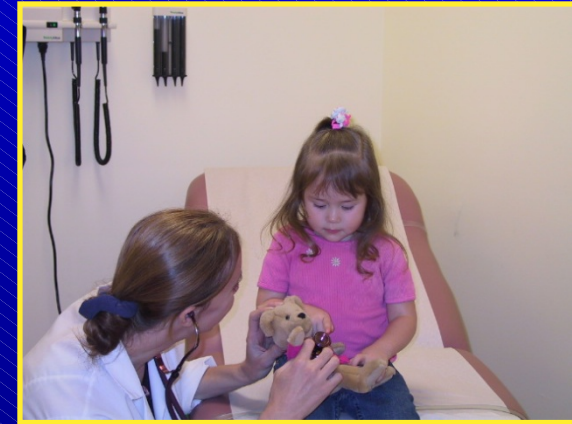
- ❑ Pilot projects sites:
 - ❑ Columbia University Medical Center
 - ❑ Duke University
 - ❑ Mayo Clinic College of Medicine
 - ❑ University of Rochester Medical Center
- ❑ Purpose: Test the National Clinical Research Associates concept of recruiting and supporting practitioners to engage in community-based clinical research
- ❑ Pilot projects focus on actual health needs identified by diverse communities through interviews and surveys



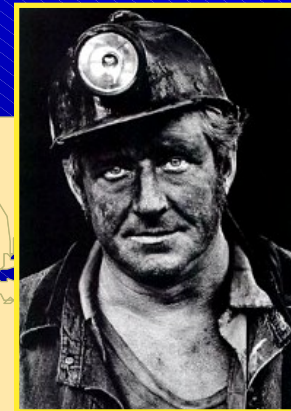
CTSA Community Engagement Activities - Duke University

Duke Community Health Research Training Center

- ❑ Connects Duke and local communities, health practitioners, and organizations
- ❑ Trains researchers to work successfully with communities

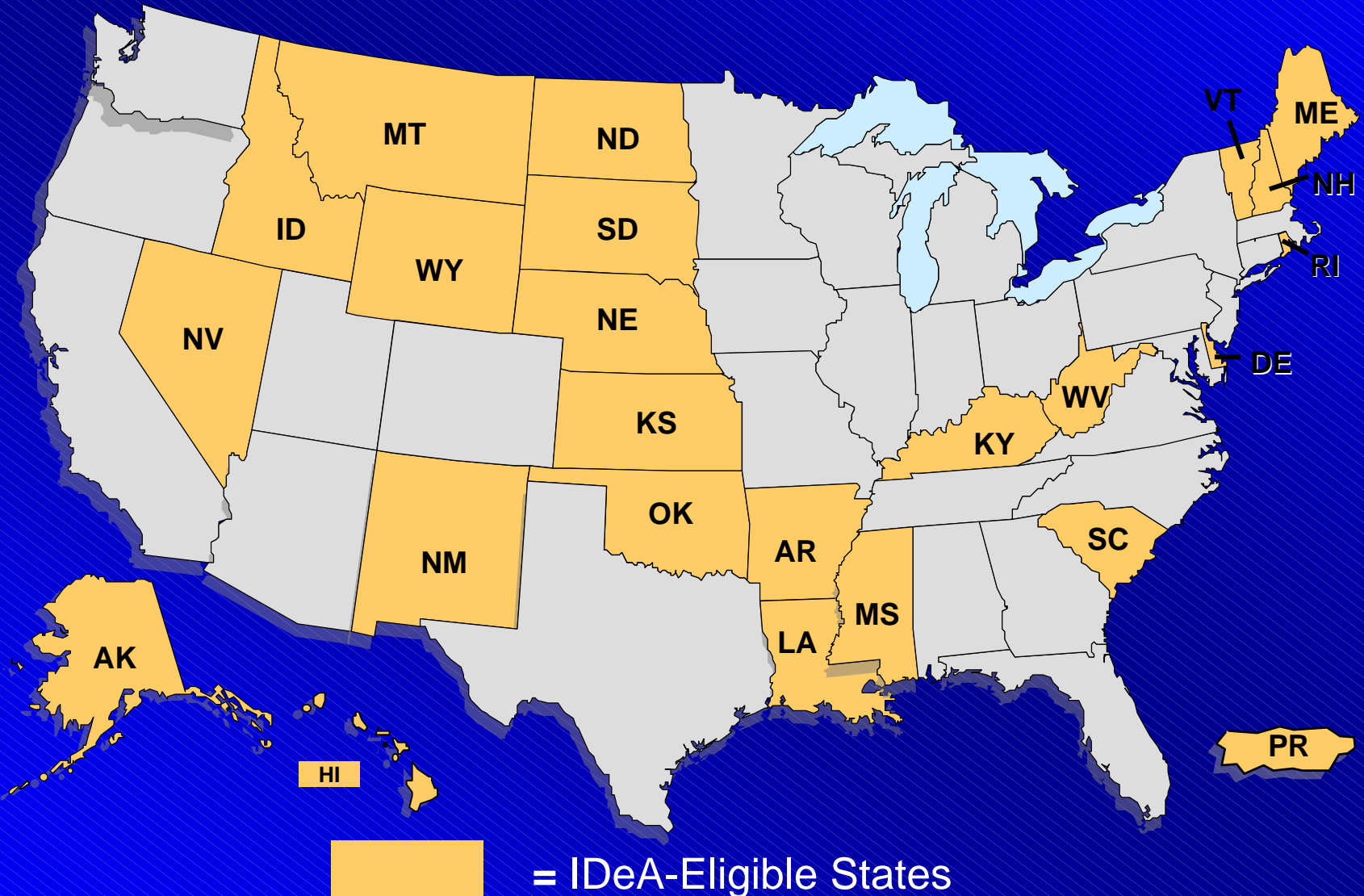


Beyond the CTSA Consortium: Opportunities for Community Engagement



Institutional Development Awards (IDeA)

Increasing research capacity in 23 underserved states and Puerto Rico



IDeA Program

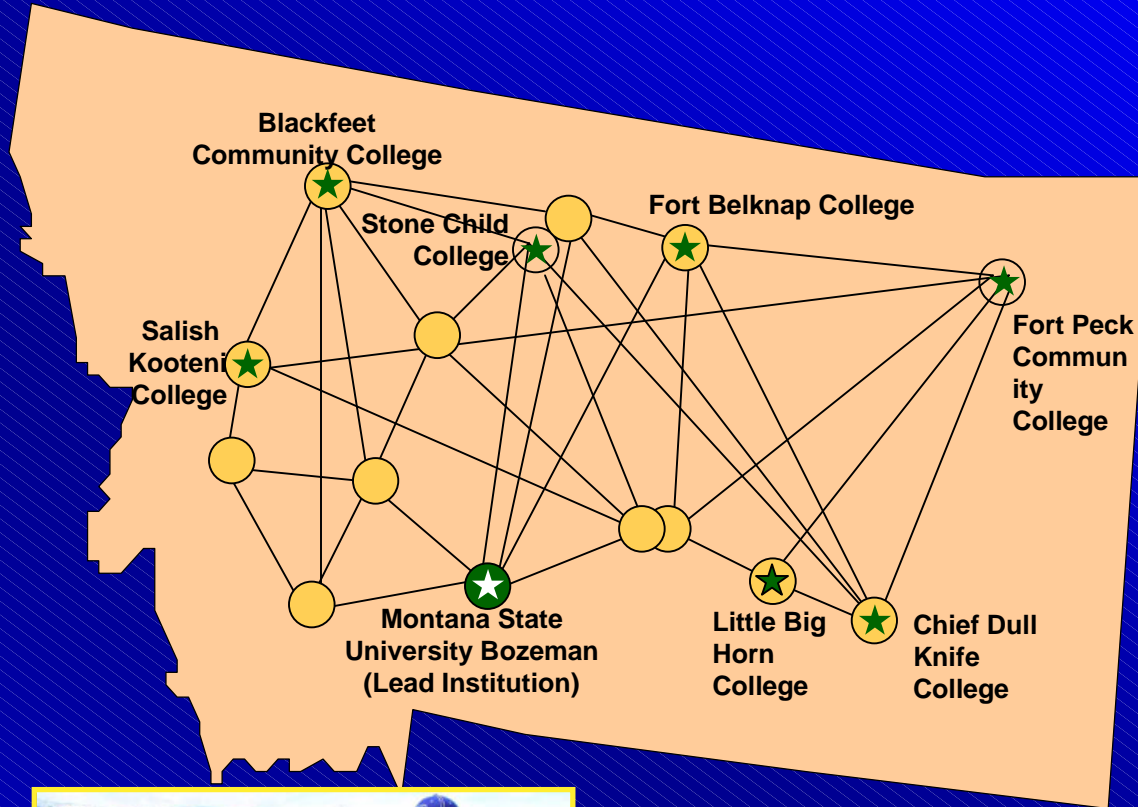
- ❑ Strengthens lead and partner institutions' research expertise and infrastructure
- ❑ Engages community, tribal, and undergraduate colleges in research
- ❑ Provides research experiences for undergraduate students
- ❑ Increases the number of competitive investigators



www.ncrr.nih.gov/Rlidea

IDeA Networks - Montana Example

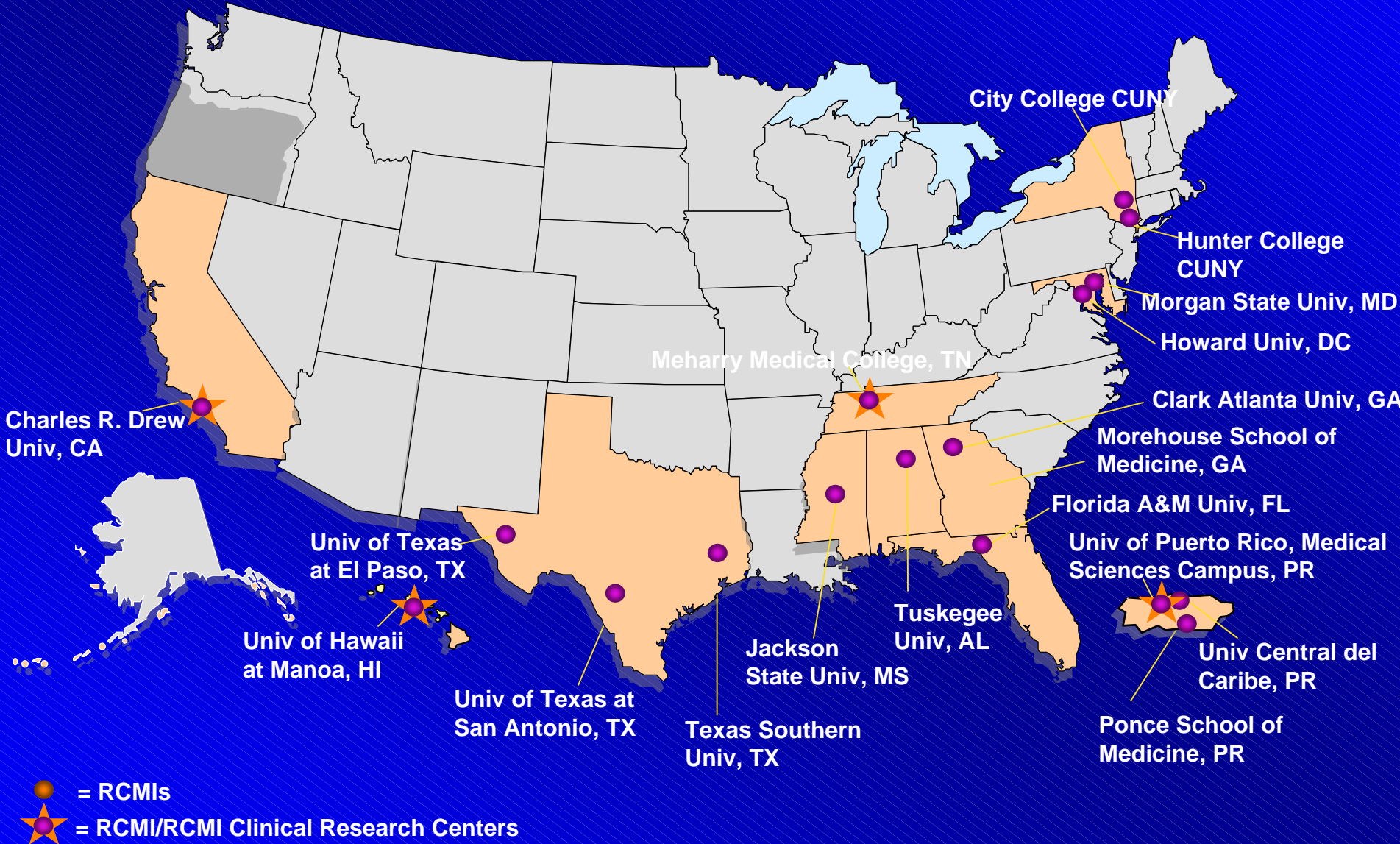
- ❑ Connects Montana State University with seven tribal colleges
- ❑ Establishes research projects relevant to local communities
- ❑ Trains students in sophisticated laboratory techniques needed to analyze river water quality



- Lead Institution
- Tribal Colleges
- Research Institutions (AHC) and Institutions (laboratories)

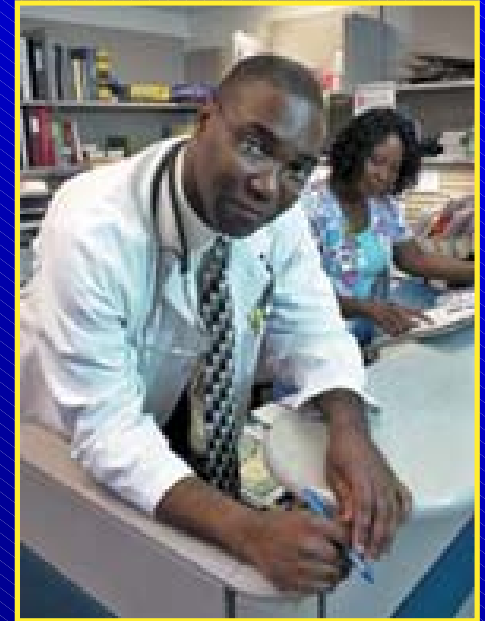
Research Centers in Minority Institutions

18 Centers in 10 States, the District of Columbia, and Puerto Rico



Research Centers in Minority Institutions (RCMI) Program

- ❑ Supports faculty development, enrichment, and expansion
- ❑ Funds opportunities for junior investigators to conduct pilot research projects under the guidance of mentors
- ❑ Offers technical training to faculty, post docs, and students through state-of-the-art core laboratories
- ❑ Encourages more minority students to pursue careers in research and enhancing minority health



www.ncrr.nih.gov/Rlrcmi

RCMI Comprehensive Centers on Health Disparities

- ❑ Establish sustainable, replicable, culturally appropriate prevention intervention research programs
- ❑ Engage community providers and stakeholders in framing research questions, disseminating results, and identifying best practices to address disparities
- ❑ Forge multidisciplinary research collaborations and foster translational research



RCMI Comprehensive Centers on Health Disparities

Charles R. Drew University

Focus: Chronic Kidney Disease and Diabetes

- ❑ Developed a nurse-directed diabetes management program in which specially trained nurses provide care and teach self-care to inner city populations
- ❑ Resulted in significantly fewer urgent/emergency room visits and hospitalizations*
- ❑ Provided an approach to lower the risk of diabetes among African Americans with hypertensive kidney disease



*Davidson, M.B. et al. Effect of a Nurse-directed Diabetes Management Program on Urgent Care/Emergency Room Visits and Hospitalizations in a Minority Population. *Diabetes Care*. 30(2):224-227, 2007.

RCMI Translational Research Network (RTRN)

- ❑ Facilitates interdisciplinary T1 and T2 translational research at 18 RCMI institutions and other centers
- ❑ Develops training and educational resources for investigators, health care providers, research participants, and the general public



NCCR Workshops

Fostering Collaborative Community-Based Clinical and Translational Research

- ❑ May 15, 2007- Bethesda, MD (with AHRQ Practice-Based Research Networks Conference)
- ❑ September 21, 2007- Los Angeles, CA

Over 200 participants and partners from:

- ❑ Academic health centers
- ❑ Community health care providers
- ❑ Community advocacy organizations
- ❑ State and local public health departments
- ❑ Other federal agencies (AHRQ, CDC, HRSA, and IHS)

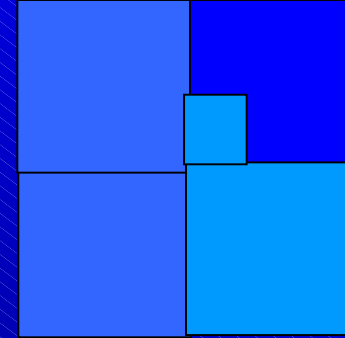
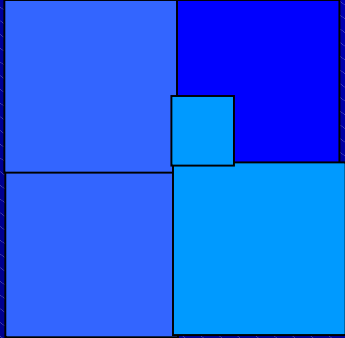
NCCR Workshop

Key Recommendations

- ❑ Develop community-based research infrastructure to sustain partnerships and foster integrated community-campus research networks
- ❑ Fund training programs for academics in community competence
- ❑ Encourage communities to identify their research needs
- ❑ Award grants to community-based organizations with academic health centers as partners

Key Recommendations

- ❑ Build health outcomes measures into protocols & evaluations so that NIH-funded community-based projects have measurable impact
- ❑ Ensure accountability to the community extends beyond initial stages of research
- ❑ Work closely with health care funders (e.g., HRSA, CMS, private insurers) to improve translation of knowledge into practice



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