New Discoveries Together!

ACCELERATE HEALTH CARE

Across CTR Programs: Issues in Community Engaged Research Development
February 19, 2015

Community Engagement Key Component Activity
Center for Alaska Native Health Research (CANHR)

Bert Boyer, CANHR Director
on behalf of the CANHR investigators and our participants

Supported by the National Institutes of Health:
NCRR, NIGMS, NHGRI, NCI, NIMHD, NIDA, NIMH, NIAAA, NIEHS & NIDDK.
Establishment of CANHR

- **2001** – NIH phase I (COBRE) funding
- Community-Based Participatory Research Framework
- Community Engagement and Clinical Support Core
  - **Tribal Partners:** Health Corporation & Tribal Councils
  - **16 remote Alaska Native Communities**
Our 13 year community partnership involves work with ~2,000 Yup’ik people in the YK Delta

- Suicide and substance abuse among Alaska Native Youth
- Cardiometabolic studies
- Cancer
AI/AN Community Engagement

• Long-term, trusting partnerships are fundamental when conducting health research with indigenous populations.
• These partnerships take time and require frequent face-to-face interaction to involve co-researchers in all phases of research.
• As trust increases, opportunities for additional meaningful projects on health priorities of communities increases.
• This enhances our ability to work together to reduce health disparities.
AI/AN CTR Application (under review)

• Partnership with Montana State University.
  – Allen Harmsen, PI

• Community Engagement and Outreach Core
  – Bert Boyer, Core leader
  • Goal: To engage rural and urban AI/AN people in clinical and translational research
  • Site directors at UAF, MSU, UM, SCF
  • Aim 1: Case study curriculum development to facilitate education, training and mentoring.
  • Aim 2: Clinical Site Navigators to facilitate clinical and translational research in AI/AN settings.
Community Engagement
Key Component Activity

KCA Co-Director: James Mold, MD, MPH
KCA Co-Director: Paul Spicer, PhD
Key Personnel

- James Mold, MD, MPH; KCA Co-director
- Paul Spicer, PhD; KCA Co-Director
- Mark Doescher, MD, MSPH: Replacing Jim Mold
- Dewey Scheid, MD, MPH: ClinIQ and Translational Think Tanks
- Lancer Stephens, PhD: Special Populations Outreach Director
- Laine McCarthy, MLIS: ClinIQ
- Margaret Walsh, MS: PBRNs
- Sacha Almanza, BA, CPS: PBRN
- Chris Tallbear, BA: Clinical Trials Coordination
Specific Aims

Aim #1: Strengthen/expand processes that bring researchers and practitioners together to find solutions to health/health care problems and translate innovations from research into practice. *(ClinIQ and Translational Think Tanks)*

Aim #2: Increase the capacity of community test sites by strengthening and expanding practice-based research networks (PBRNs). *(OKPRN, OCHRN, PharmNet)*

Aim #3: Facilitate construction of a statewide community-based dissemination/implementation infrastructure. *(Oklahoma Primary Healthcare Extension System and Oklahoma Primary Healthcare Improvement Center)*
Specific Aims

Aim #4: Provide support and assistance to the University of Arkansas for Medical Sciences and the Arkansas Area Health Education Centers. (PBRN and D&I Infrastructure)

Aim #5: Provide support and assistance to the OCA Inter-Tribal Health Board, which includes 55 tribal and IHS health systems which span across Oklahoma and Kansas. (PBRN, clinical trials, EHR data)
The Oklahoma Primary Healthcare Extension System

Federal Funding
$1 million AHRQ

Oklahoma's Academic Health Centers

Oklahoma State Department of Health

State Funding
$389,000 Appropriation
TSET Application

Oklahoma Department of Mental Health

Oklahoma Center for Healthcare Improvement

Community Service Council of Greater Tulsa

Local Public Funding

Oklahoma Universities

Oklahoma Foundation for Medical Quality

Public Health Institute of Oklahoma

OPCA, OAFP, OACP, OAP, OOA, OSMA

Area Health Education Centers

Private Funding

County Health Improvement Organization
Progress

• Clinical Inquiries (ClinIQ)
  – Questions submitted by practicing clinicians; answered by residents and clinical faculty (brief systematic reviews)
  – Expanding publication venues
  – Librarians as “clinical consultants”
  – Oklahoma State University Center for Health Sciences has adopted ClinIQ for all of its residency programs

• PBRNs
  – OKPRN visits, combined Convocation, new website, 16 AI practices (of 143)
Progress

• Tribal Community Engagement Activities
  – Assistance with proposal development, study recruitment and study interviews
  – Chickasaw Nation EMR database development
  – Oklahoma City Area Inter-Tribal Health Board
    • Sasha Almanza and Chris Tall Bear visiting communities to establish relationships and building of trust for OSCTR activities
    • Support for clinical trials, research studies and practice enhancement activities
Potential Modifications

• New Co-Directors
  – James Mold transition to Mark Doescher
  – Morris Foster transition to Paul Spicer

• PharmNet PBRN development

• Add new IDeA state collaborations

• Link to presentations for translational think tanks rather than hosting our own T³ conferences
Questions and feedback
South Carolina Clinical & Translational Research Institute (SCTR)

Changing What’s Possible in Research for South Carolina

Community Engagement

http://sctr.musc.edu
843-792-8300
Funding for Community Engagement

Co-Directors
- Dr. Carolyn Jenkins 15% FTE
  - College of Nursing
- Dr. Cathy Melvin 15% FTE
  - College of Medicine

Other Community Engagement Faculty and Staff
- Dr. Susan Newman 5%
  - College of Nursing
- Dana Burshell, MPH
  - Community Engagement Coordinator

Linkages and Support from SCTR Staff

http://sctr.musc.edu
843-792-8300
Community Engagement Challenges

- Expanding from Local Communities to Statewide Reach
  - Reorganizing Community Advisory Board
- Identifying community priorities and matching with MUSC research interests
- Challenges in measurement
  - Lack of measurement instruments
  - SPARC documentation of consultations for Community Engagement
- PCOR applications successes
  - Researchers did not always understand how to incorporate Community Engagement into grant applications
- Integrating Community Engagement across T1-T4 Research

http://sctr.musc.edu
843-792-8300

South Carolina Clinical & Translational Research Institute
Key Successes

Initiatives through the CTSA

• Launched CBPR Research on Campus
• Community Engaged Scholars highlighted in IOM Report
• Are We Ready – community research toolkit
• Team Science & Dissemination Science
• Consults on 60+ extramural apps
• Bridging Science & Community in Bamberg (Diabetes)
• Community and Scientific Retreats
  • Research Summit: Sea Islands Population
  • Obesity Evidence Academy (Scientific and Community Retreats)
  • CER Interest Group and Scientific Retreat
  • PCOR Workshop

http://sctr.musc.edu
843-792-8300
MUSC Translational Research CAB

• New CAB formed to represent South Carolina
• Community Co-Chair of CAB represented on monthly SCTR Executive Committee
• CAB members invited to meet SCTR Early Career Scholar applicants prior to project submissions
• CAB members invited to sit on the Scientific Review Committee and Scientific Retreat Planning Committees
• CAB members meet jointly with SCTR Leadership and external scientific advisors
Are We Ready?

The Partnership Readiness for Community-Based Research & Action Toolkit was developed by MUSC academic and community co-investigators in response to investigation of partnership readiness to conduct CBPR and CBPA.

Goal of toolkit is to foster a firm foundation for partners to conduct CBPR/CBPA and to achieve desirable health outcomes.

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843-792-8300
PROGRAM DESCRIPTION

Community engaged research topics include but not limited to:

- Partnership readiness
- Research frameworks and theory
- Community problem identification
- Ethics and the IRB
- Feasibility and pilot testing
- Intervention development
- Data collection and analysis
- Evaluation
- Translation and dissemination
- Grant writing

Total of 20 teams completed CES-P over 5 years

Return on Investment: $46 for $1
Community Engagement- CTSA Renewal

- Integrate CE principles across all SCTR Programs and share innovative practices with other CTSAs
- Enhance systems that engage community members and stakeholder groups to inform research and accelerate the integration of research into practice
- Advance the science of CE by developing and testing novel practices in a data-driven fashion
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