

National Perspective on the Importance of Dissemination, Implementation and Improvement Science

UCLA/USC/UCI CTSA symposium

Ann C. Bonham, PhD
Chief Scientific Officer
March 4, 2014



Tomorrow's Doctors, Tomorrow's Cures

Learn

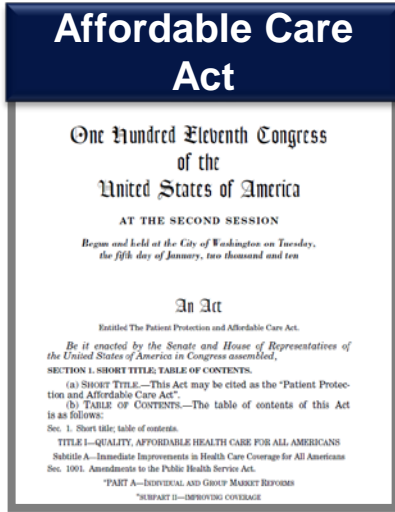
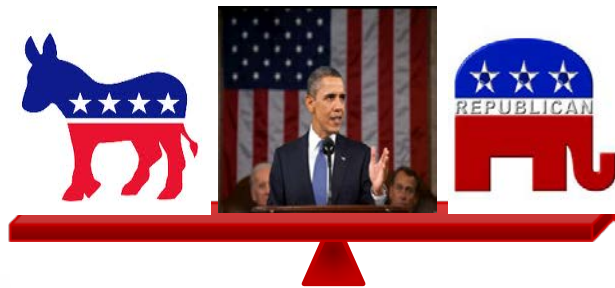
Serve

Lead



Association of
American Medical Colleges

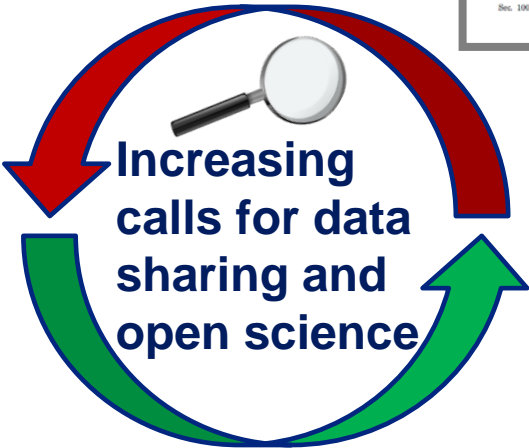
The National Landscape...implications



Sequestration



Democratization of data



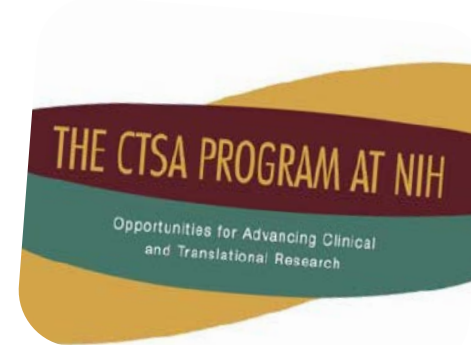
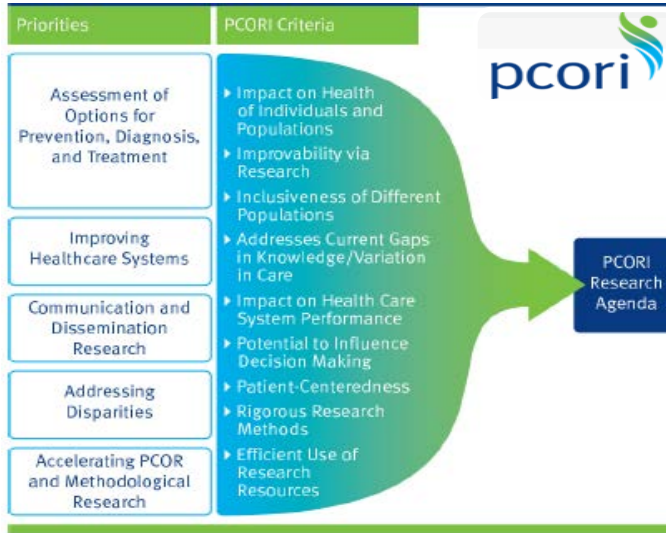
Compelling health needs



A convergence of interest...



IMPLEMENTATION SCIENCE



AAMC
The Association of American Medical Colleges

The Association of American Medical Colleges invites you to join its

Research on Care Community

A component of the AAMC's Best Practices for Better Care Campaign

More Doctors Seek Training in Implementation Science

—By Jen Uscher, special to the Reporter

While Adithya Cattamanchi, M.D., was completing his postdoctoral fellowship in at UCSF. The skills he gained in the program, which he completed in 2010, helped him successfully apply for the development or evaluation of health interventions or policies and are instrumental in enhancing their clinical

Improvement Science: Getting to "HOW"

Monday, March 24, 2014

2:00pm EST (1:00pm CST)



Presented by **Carolyn M. Clancy, M.D.**, Assistant Deputy USH for Quality, Safety and Value (10A4), Veterans Health Administration

Carolyn M. Clancy, M.D., was appointed Assistant Deputy Under Secretary for Health (ADUSH) for Quality, Safety and Value (QSV) for the Department of Veterans Affairs. Prior to her appointment as ADUSH for QSV, Carolyn M. Clancy, M.D., served as Director of the Agency for Healthcare Research and Quality (AHRQ), Center for Outcomes and Effectiveness Research. As Director, she launched the first annual report to Congress on health care disparities and health care quality.

Call for Abstracts

Deadline April 7, 2014

Showcase your project at the 2014 Summer Institutes on Quality Improvement by submitting an abstract for consideration.

[Submit Abstract](#)

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AAMC Guiding Principle: Improving Health through the Full Spectrum of Research



The Case for DII from a National Perspective

1. A tool to support the institution's response to clinical imperatives



2. An ethical imperative to translate research findings to benefit all



3. A way to demonstrate public accountability





What is the AAMC doing?



Casting a Wide Net for Implementation Research

Bring science to the process of implementation

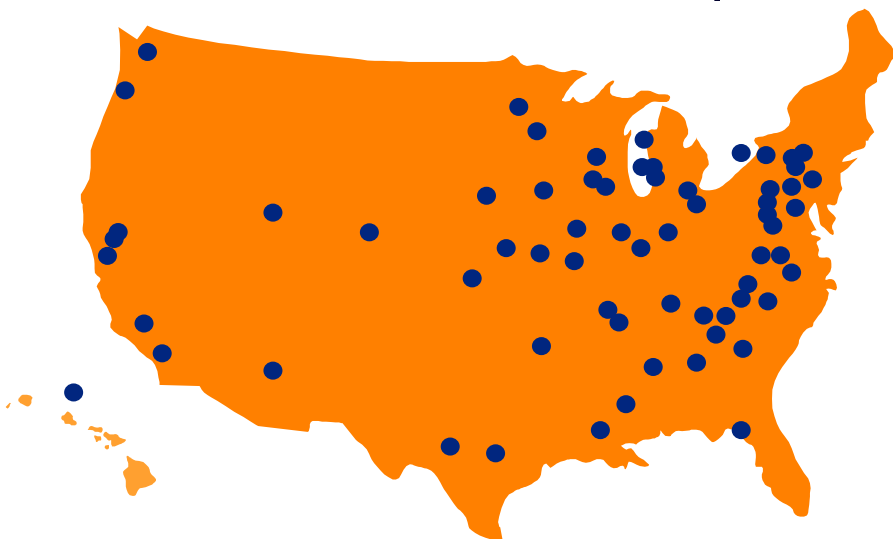
Generate the knowledge needed to speed implementation and adoption of best practices in healthcare

Includes knowledge generated from:

- ✓ **Quality Improvement Research;**
- ✓ **Dissemination Research;**
- ✓ **Outcomes; Effectiveness; and**
- ✓ **Informatics Research**

AAMC's Research on Care Community

A learning community of researchers and clinical providers engaged in clinical effectiveness and implementation science to improve quality, safety, health equity and outcomes of their own patient populations.



Geographic representation of ROCC members

250 members from 133 teaching hospitals and medical schools by 2014.

Webinar Series



Peer-to-peer visits

Advocacy



Newsletters

Priority Areas

Collaboration with Health System

**Data
Collection
and Sharing
Infrastructure**

**Aligning QI and
Health Equity**

Workforce

**Aligning QI
and Research**

**Supportive
Policies**

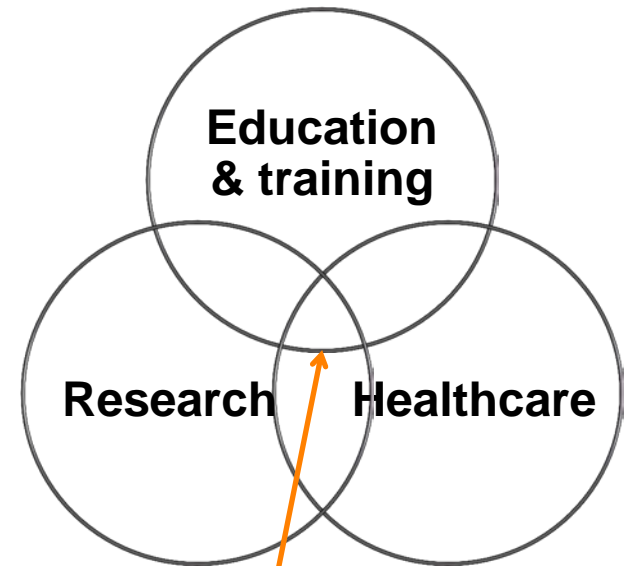
**Engaging
Leadership**

Building capacity for clinical improvement science at AAMC member institutions

AAMC/Donaghue Foundation Grants to advance effectiveness research and implementation science

Grantees announced September 2013

Two awarded projects at \$270,000 total per site over 3 years



AAMC is uniquely positioned to support collaborative research that bridges the 3 missions

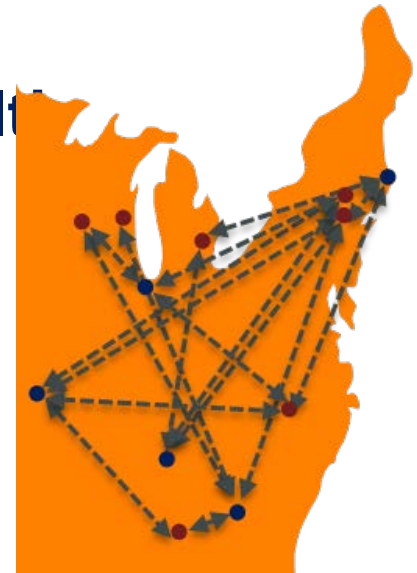
Building capacity for clinical improvement science at AAMC member institutions

Research on Care Community Learning Health System Challenge and Planning Awards

13 winners

- 6 Challenge awards at \$6,000 per site
- 7 Planning awards at \$10,000 per site

Grantees announced December 2013



**Peer-to-peer
networks built
among winning
proposals**

Awardee Institutions

Challenge Award Winners

University of Chicago, Department of Medicine
Massachusetts General Hospital
Emory University, Healthcare Innovation Program
Meharry/Vanderbilt Alliance, Vanderbilt University
University of Missouri-Columbia School of Medicine
Loyola University Chicago Stritch School of Medicine



MEHARRY-VANDERBILT ALLIANCE TEAM SELECTED AS "CHALLENGE AWARD WINNERS" BY AAMC



MU Receives AAMC Award for Innovation in Education and Research

Medical school is one of five recipients nationally

Planning Award Winners

University of Wisconsin School of Medicine & Public Health
Medical College of Wisconsin
Saint Francis Hospital and Medical Center, University of Connecticut School of Medicine
University of Alabama at Birmingham
Henry Ford Health System
Yale-New Haven Hospital
Duke University School of Medicine



Office of Public Affairs

Dr. Geoffrey Lamb Wins AAMC Learning Health System Award



Saint Francis Honored with Learning Health System Planning Award



2013 AAMC Challenge Award

The AAMC has awarded the Disparities Solution Center at Massachusetts General Hospital a Learning Health System Challenge award for its work on disparities, equity and quality improvement.

THE DISPARITIES SOLUTIONS CENTER



AAMC Advocacy



February 2014 Newsletter

PCORI & Patient- and Population-Centered Research

As I See It

The Patient Centered Outcomes Research Institute marked its third anniversary with a piece in last week's New England Journal, [PCORI at 3 Years: Progress, Lessons and Plans](#). The publication coincides with major funding announcements representing a significant increase in funds for comparative effectiveness research (CER) through targeted mechanisms and large pragmatic studies. PCORI reports that nearly two-thirds of its roughly \$500 million in funding commitments to date have supported CER.



Ann Bonham, Ph.D.
Chief Scientific Officer

AAMC Joins IOM Discussion on Sharing of Clinical Trial Data

February 7, 2013—The Institute of Medicine (IOM) Feb. 3-5 convened a [workshop](#) on the responsible sharing of research data from clinical trials. As part of the workshop, AAMC Chief Scientific Officer Ann Bonham, Ph.D., participated on a Feb. 4 expert panel discussing the cultural and financial incentives for data sharing.

In her remarks, Dr. Bonham noted increasing support for data sharing within the academic community as a means to expand scientific opportunity to ensure that data and other resources are maximally used to promote discovery and increase collaboration. She expressed optimism that such sharing will increasingly be seen as an added dimension to scientific rigor in health research, on par with improved statistical analyses and other changes that have occurred over recent decades.

AAMC Urges Congress to Restore NIH and Health Professions Funding

Washington, D.C., December 18, 2013—AAMC (Association of American Medical Colleges) President and CEO Darrell G. Kirch, M.D., issued the following statement after the Senate passed the Bipartisan Budget Act of 2013 and the Pathway for SGR Reform Act of 2013 amendment:

"Now that Congress has taken the important step to pass the Bipartisan Budget Act, we urge lawmakers to use the appropriations process to restore funding to medical research supported by the National Institutes of Health (NIH) and health professions training.

While the nation's medical schools and teaching hospitals are encouraged by the prospect of restoring funding for these vital health investments, we remain disappointed that this budget proposal leaves the sequestration cuts to Medicare in place, and extends them for two years.

Congressional Briefing Highlights Value of AHRQ Research

January 31, 2014—AAMC joined AcademyHealth and the Friends of AHRQ in hosting a Jan. 29 congressional briefing describing how research and resources supported by the Agency for Healthcare Research and Quality (AHRQ) have helped to strengthen the health care system.

Panelists described how the research, datasets, and tools supported by AHRQ are used by a wide range of stakeholders — including patients, health care providers, hospitals and health systems, policymakers, and payers — to make health care safer, more accessible, and more affordable.



AAMC “Integrating Quality”

IQ

6th Annual Integrating Quality Meeting

Improving Value through Clinical Transformation, Education and Science

June 12-13, 2014

This meeting is for clinical leaders, faculty, trainees, and students who are implementing programs to improve value, quality and patient safety in their organizations. The program is designed to facilitate sharing of strategies and approaches to improving health care quality and value.

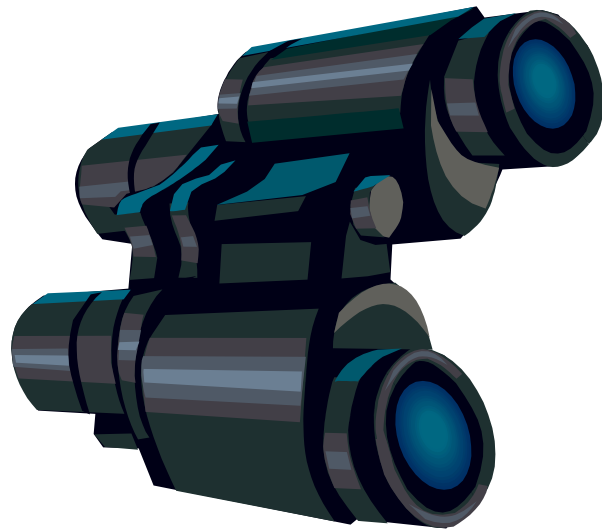


Combining Advocacy, Policy, and Member Capacity Building



Next Steps

Spread the message....



**Theoretical
Clarity of Nomenclature**

**Applicable
Accessible**

The New York Times

Sunday Review/Op-Ed Columnist

Professors, We Need You!

Some of the smartest thinkers on problems at home and around the world are university professors, but most of them just don't matter in today's great debates.

The most stinging dismissal of a point is to say: "That's academic." In other words, to be a scholar is, often, to be irrelevant.



Tomorrow's Doctors, Tomorrow's Cures

Learn

Serve

Lead

Association of
American Medical Colleges