

Strengthening Trust and Equity in Primary Care

Wednesday, January 29, 2020 12:00-1:00 ET



Welcome & Updates

Become a Member!

Save the Date: PCC 2020 Annual Conference November 5 & 6

Moderator introduction

The Health Equity Curricular Toolkit

https://www.aafp.org/patient-care/social-determinants-of-health/everyone-project/health-equity-tools.html



Neighborhood Navigator







Economics and Policy Modules

ABOUT US

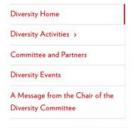
DUCATION

PATIENT C

COMMUNITY HEALTH

DIVERSITY

DIVERSITY, EQUITY AND INCLUSION





Our vision: To ensure TRUST

T (Tracking)

R (Recruiting)

U (Unlearning and learning)

S (Sustaining and retaining)

T (Training and transformation)



https://www.fammed.wisc.edu/diversity/



Today's Speakers



Dominic MackMorehouse School of Medicine



Evelyn FigueroaUniversity of Illinois
College of Medicine



Daniel WolfsonABIM Foundation





Jennifer Edgoose
University of Wisconsin School of Medicine and Public Health

Aims and Trust in US Healthcare (Are We Leaving the Underserved Behind)

Dominic H. Mack MD, MBA
Director, National Center for Primary Care
Professor, Family Medicine
Morehouse School of Medicine
dmack@msm.edu







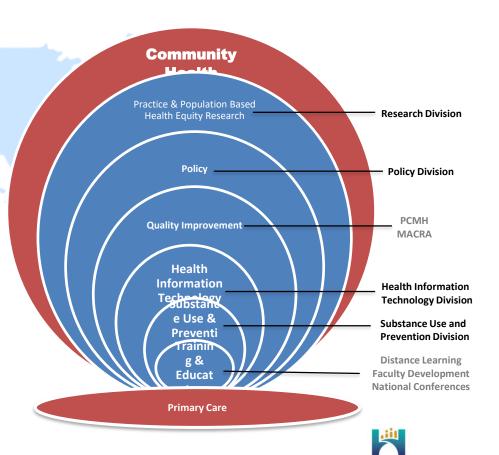
Atlanta-based; national leading educators of primary care physicians

Leading the creation and advancement of health equity.



Strengthening the primary care system through education, research and training to improve health outcomes while advancing and sustaining health equity.

The NCPC has four divisions that work synergistically to strengthen the primary care system and manifest the vision of our center.



MOREHOUSE NCPC

Mis-Aim/Mis-trust

- Cost
 - Business of Medicine
 - Work Environment
- Convenience
 - Access to Care
 - Insurance coverage
 - Technology
- Care
 - Population Healthcare Quality
 - Patient Satisfaction

Practice Environment

2009- Healthcare Evolution Begins

February 2009

American Recovery & Reinvestment Act

- HITECH Act
 - Meaningful Use of Electronic Health Record
 - CMS incentive program for Medicaid and Medicare

November 2009

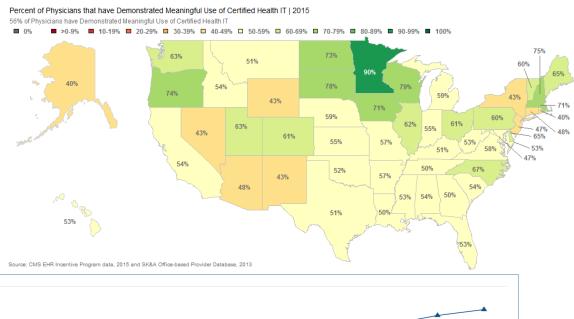
Affordable Care Act (ACA)

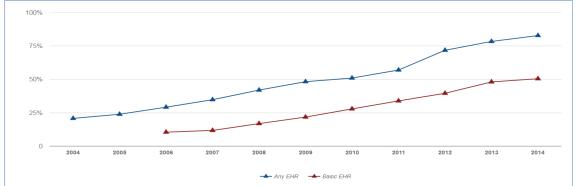
April 2015

The Medicare Access and CHIP Reauthorization Act (MACRA)

Aim _____Cost, Care & Convenience

Office-Based Health Care Participation in CMS EHR Incentive Programs \$31,148,357,611 (2011-2015)

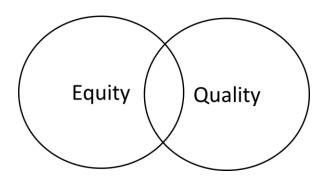






The Health Problem

Practice Innovations Can Widen Gaps in Disparities



Improving quality for <u>all</u> does not necessarily reduce disparities for racial and ethnic minorities

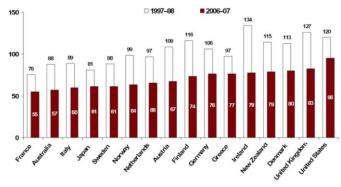
Annual Health Care Disparities Report, 2011- AHRQ

Why focus on Underserved

- Poverty and poor health are inextricably linked
- 5% of the population accounts for almost half of total health care expenses.
- Patients w/ multiple chronic conditions cost up to 7X as much as patients with only one condition.
- The 15 most expensive health conditions account for 44 % of total health care expenses.

U.S. Lags Other Countries: Mortality Amenable to Health Care

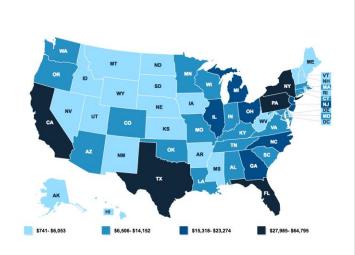
Deaths per 100,000 population*

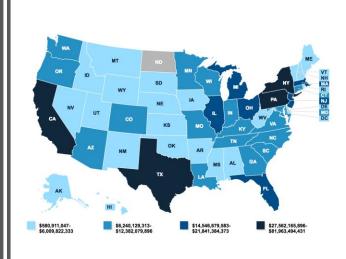


^{*}Countries' age-standardized death rates before age 75; including ischemic heart disease, diabetes, stroke, and bacterial infections. Analysis of World Health Organization mortality files and CDC mortality data for U.S. Source: Adapted from E. Notte and M. McKee, "Variations in Amenable Mortality—Trends in 16 High-Income Nations," *Health Policy, published online Sept. 12, 2011.



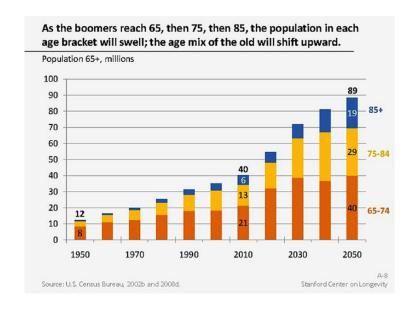
Total Medicare Spending by State- 2014





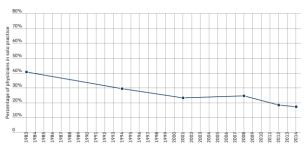
Health disparity among seniors

- Elderly (age 65 >) made up around 13 percent of the U.S. population in 2002, but consumed 36% of total personal health care expenses.
- Nearly half (45%) of elderly had incomes 2X the poverty thresholds in 2013, compared to 33% of older adults



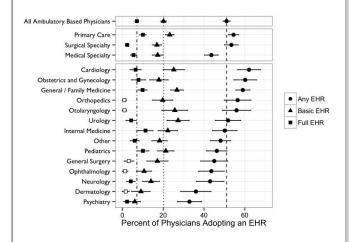
Solo Practice Has Declined

Exhibit 1 Solo Practice Has Declined Over the Past Three Decades



Source: Kane CK, Emmons DW, "New Data On Physician Practice Arrangements," American Medical Association, 2013: Kane CK, "Updated Data on Physician Practice Arrangements: Inching Toward Hospital Ownership," American Medical Association, 2015.

Tech Gap Impacts Mental Health



Disparity in Practice



Disparities in Primary Care EHR Adoption Rates

Abstract: This study evaluates electronic health record (EHR) adoption by primary care providers in Georgia to assess adoption disparities according to practice size and type, payer mix, and community characteristics. Frequency variances of EHR "Go Live" status were estimated. Odds ratios were calculated by univariate and multivariate logistic regression models. Large practices and community health centers (CHCs) were more likely to Go Live (>80% EHR adoption) than rural health clinics and other underserved settings (53%). A significantly lower proportion (68.9%) of Medicaid predominant providers had achieved Go Live status and had a 47% higher risk of not achieving Go Live status than private insurance predominant practices.



Disparities in EHR adoption rates may exacerbate existing disparities in

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Are We Really Trying to Achieve Equity?

Social Determinants of Health

Journal of Primary Care & Community Health

J Prim Care Community Health. 2017 Jul; 8(3): 169-175.

Published online 2017 Mar 8. doi: 10.1177/2150131917697439

PMCID: PMC5932696

PMID: 28606031

How Socioeconomic Status Affects Patient Perceptions of Health Care: A Qualitative Study

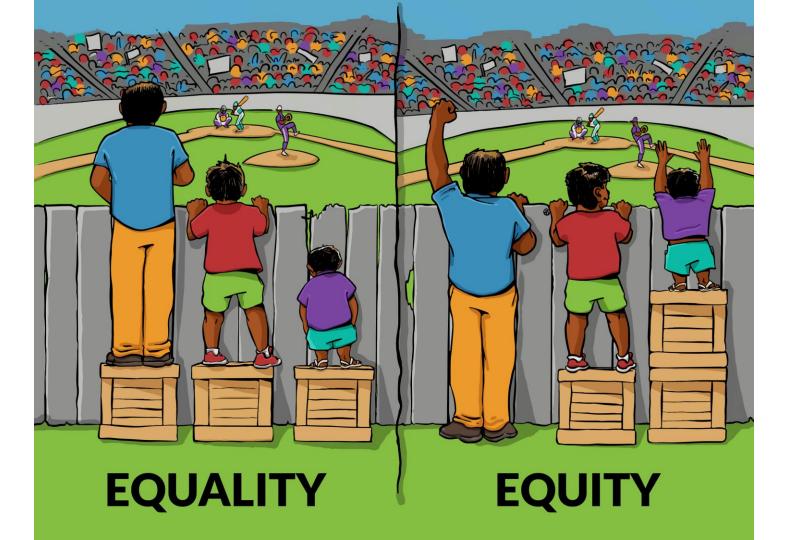
Nicholas C. Arpey, ¹ Anne H. Gaglioti, ² and Marcy E. Rosenbaum ¹

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This article has been cited by other articles in PMC.

Abstract Go to: ♥

Introduction: Clinician perceptions of patients with low socioeconomic status (SES) have been shown to affect clinical decision making and health care delivery in this group. However, it is unknown how and if low SES patients perceive clinician bias might affect their health care. Methods: In-depth interviews with 80 enrollees in a state Medicaid program were analyzed to identify recurrent themes in their perceptions of care. Results: Most subjects perceived that their SES affected their health care. Common themes included treatment provided, access to care, and patient-provider interaction. Discussion: This study highlights complex perceptions patients have around how SES affects their health care. These results offer opportunities to reduce health care disparities through better understanding of their impact on the individual patient-provider relationship. This work may inform interventions that promote health equity via



History Is Important

(Discrimination, Racism= Inequity, Disparity)

1940 Detroit Housing and the FHA

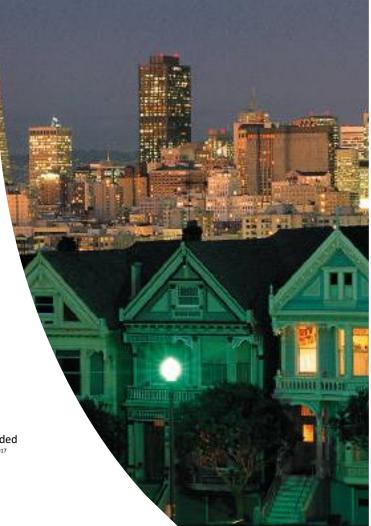
- FHA refused hosing loans to a white developer for any real estate in or around black neighborhood
- 2. Until a wall was built between the blacks and white
- 3. Then funding was obtained.
- 4. Helped to create two divergent Americas.

https://www.vox.com/2016/6/6/11852640/cartoon-poor-neighborhoods

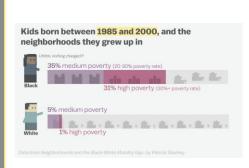
2015 Hepatitis C: New Treatment in Medicaid Patients

- Sofosbuvir approx. \$1000/pill (treatment course \$84,000)
- Medicaid patients 7.5 X more likely to have HCV
- Strict behavioral criteria around abstinence and compliance
- Therefore Utilization of Sofosbuvir is limited where much needed

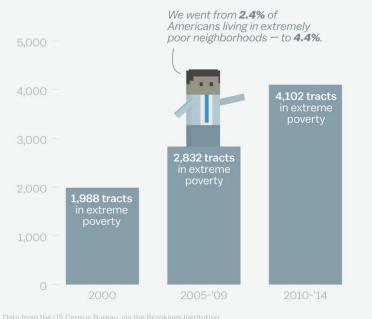
"Restrictions of Hepatitis C Treatment for Substance-Using Medicaid Patients"; Cost Versus Ethics; J.M. Liao & M. Fischer, AJPH June 2017



Kids born between 1955 and 1970, and the neighborhoods they grew up in Mareira grave up know area. 33% medium poverty (20-30% poverty rate) Black 29% high poverty (30% + poverty rate) White 1% high poverty Data from Neighborhoods and the Black-White Mobility Gap, by Patrick Sharkey



"Poverty and poor health are inextricably linked"



Data from the US Census Bureau, via the Brookings Institution. Extreme poverty is where at least 40% of households live in poverty.

Wealth and Poverty

\$10 \$8 \$6 \$4 \$2 \$0

Figure 1. Federal Minimum Wage Buying Power Down 22 Percent Since 1968

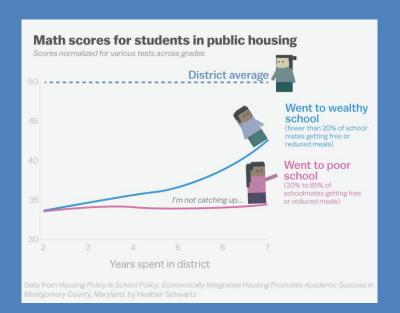
*We use the preferred CPI-U-RS (Consumer Price Index Research Series Using Current Methods) index of inflation, compared to the commonly cited benchmark of \$10.50 using the basic CPI. Source: IPP analysis of Bureau of Labor Statistics data.

Nominal Minimum Wage

Real Minimum Wage (CPI-U-RS) in 2012 Dollars*

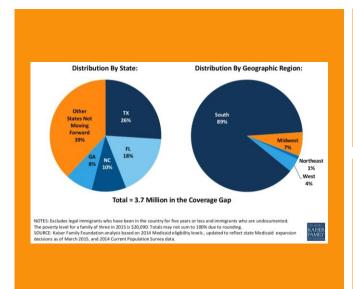
During the last month, how often have you been bothered by feeling down, depressed, or hopeless? Wery often Farly often Sometimes Almost never Never High-distress neighborhoods Being in a distressed area sucks. 57% 42% Black/ Hispanic High-distress neighborhoods 57% 63% 37% 63%

Economics- Mental Health- Education



Access to Healthcare

Southern States Reject Medicaid Expansion





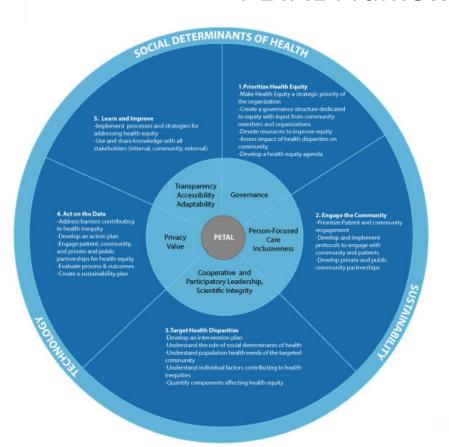




Closing the Gap on Health Disparities

NCPC

Integrating Health Equity into Learning Health Systems PETAL Framework



Core Components of the **PETAL** Framework

- Prioritize health equity
- Engage the community
- Target health disparities
- Act on the data
- Learn and improve

This framework is applicable at many levels, from the individual clinician to programs spanning single organizations to multi-institutional systems.



Health & Place Volume 56, March 2019, Pages 165-173



Using spatially adaptive floating catchments to measure the geographic availability of a health care service: Pulmonary rehabilitation in the southeastern United States

Kevin A. Matthews ^a ○ ☑, Anne H. Gaglioti ^b, James B. Holt ^a, Anne G. Wheaton ^a, Janet B. Croft ^a

■ Show more

https://doi.org/10.1016/j.healthplace.2019.01.017

Get rights and cont

Highlights

• Introduces spatially adaptive floating catchments (SAFCs) and

MSM Innovation Research

Providers serving <u>high Medicaid populations</u>, <u>small practices</u> and <u>rural health centers</u> are adopting EHRs at slower rates

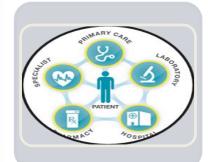
Mack, D., Zhang, S., Douglas, M., Sow, S., Strothers, H., Rust, G. (2016). Disparities In primary care EHR adoption rates. J Health Care Poor Underserved.

Telemedicine utilization for Medicaid patients is low and predominantly used for behavioral health treatment

Douglas, M., Xu, J., Heggs, A., Wrenn, G., Mack, D., Rust, G. Assessing Telemedicine Utilization Using Medicaid Claims Data. Psych Svcs.

Policy gaps result in missed opportunities to advance health equity by recording informative patient demographic data in EHRs

Douglas, M., Dawes, D.E., Holden, K.B., Mack, D. (2014). Missed Policy Opportunities to Advance Health Equity by Recording Demographic Data in Electronic Health Records. Amer J Pub Health.



Health Information Exchange

Policies, funding and state involvement play a role in HIE adoption by FQHCs in the Southeast

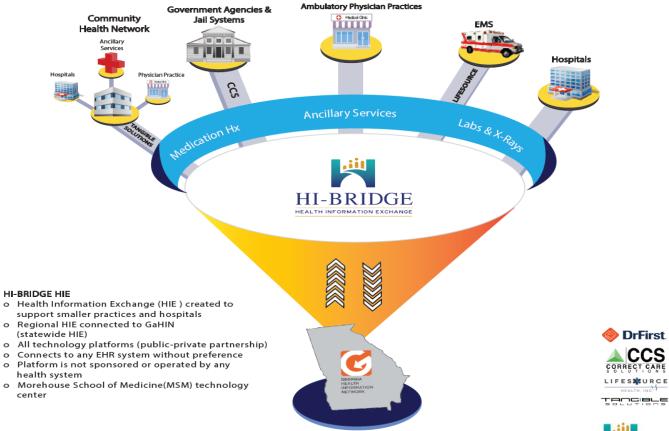
Report in progress.

- <u>Methods</u>: formative research qualitative interviews with Primary Care Association leadership in HHS Region IV states
- Increase awareness of challenges and facilitators to FQHC adoption – report/publication, webinar, conference presentation
- Work with HHS Region IV partners to reduce barriers to adoption
- Future research:
 - Structured qualitative interviews and surveys of additional stakeholders to assess state-level and practice-level factors associated with adoption of HIE in underserved communities
 - Secondary data analysis to assess state-level and practicelevel factors associated with adoption of HIE in underserved communities

Community Level Contextual Data



HI-BRIDGE Health Information Exchange (HIE)







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Striving for Healthcare Equity in an Underserved Academic Setting

Evelyn Figueroa, MD, University of Illinois at Chicago Professor of Clinical Family Medicine Family Medicine Residency Program Director UI Health Pilsen Food Pantry Founder & Director



*Learning Objectives

By the end of this session, attendees will:

- Describe common social determinants that affect impoverished communities
- Be able to describe a service learning model that can be used with learners of all levels
- Envision innovative approaches for teaching about health equity for future generations



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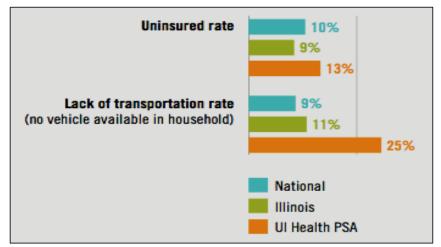
UI Health Stats

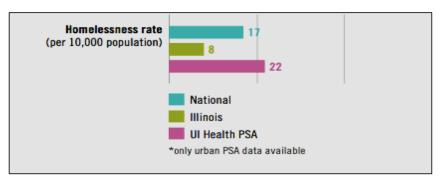


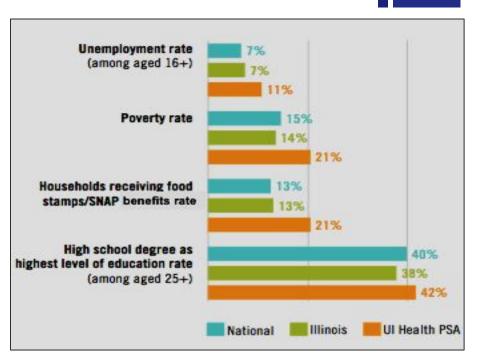


- 46,547 emergency room visits (FY2017)
- Provider Service Area (PSA) spans over 50 Chicago zip codes, prominent ones are majority non-white populations

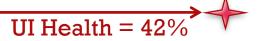
⁺The UI Health Community



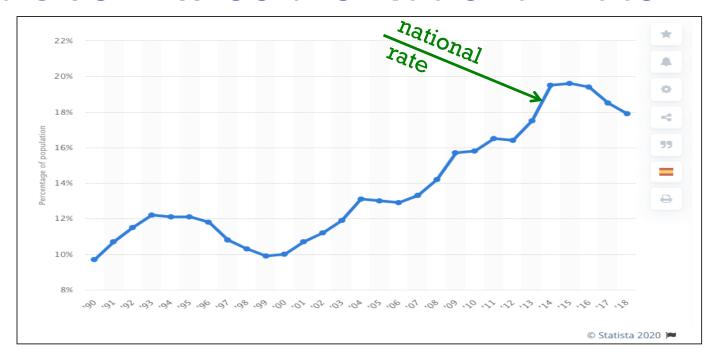


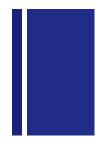


UI Health Community Assessment of Needs, 2019



*UI Health Patients Have Medicaid at Over Twice the National Rate





+ Addressing Social Determinants is Part of the Care My Patients Must Receive if I Want to Promote Wellness and Equity



- Focused work to understand my patients' stories and earn their trust
- Allyship training
- Exploring the UI Health community
- Medical Director, Pacific Garden Mission homeless shelter

- Awareness of structural violence affecting my patients:
 - Racism
 - Sexism
 - Heterosexism
 - Poverty bias
 - Xenophobia
 - Income inequality
 - Unfair housing practices





BIBLIOTEQUITA PILSEN





+ Incorporating Service Learning Into My Learners' Environment



- Family Medicine residents
- Pediatrics residents
- Medical students
- Dietitian interns
- Social work interns
- Pharmacy students
- Business students
- Undergraduate students
- High school students
- Grammar school students

+ The Pilsen Social Health Initiative: A Vision for an Office for Social Action



- Pilsen Food Pantry
- Pilsen Little Library
- Social work office
- Medical supply lending library

- Legal aid clinic
- Employment programs
- Community meeting spaces



Trust and Equity in Primary Care



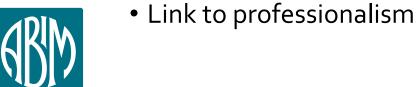
"Trust is the glue of life. It's the most essential ingredient in effective communication. It's the foundational principle that holds all relationships."

-Stephen Covey



Why Focus on Trust?

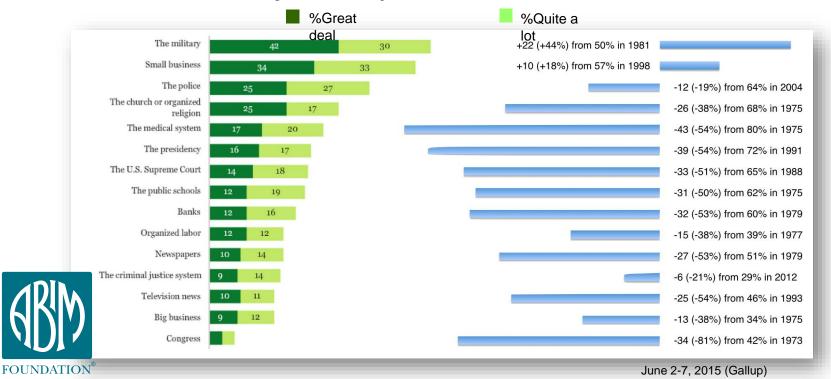
- Significant erosion over the past four decades
- Increase of misinformation, attacks on science
- Better health care outcomes, higher value care





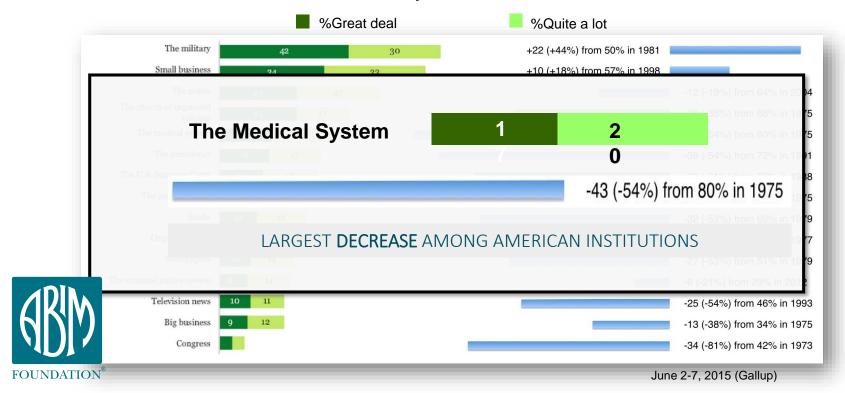
Many Sectors of Society Experience Drop in Trust

How much confidence do you have in these American institutions?



Confidence in Medical System At New Lows

How much confidence do you have in these American institutions?



System Factors Affecting Trust

- Equity
- Community integration
- Transparency
- Patient engagement
- Environment
- Leadership
- Research integrity



THE NEW HEALTH CARE

Race and Medicine: The Harm That Comes From Mistrust

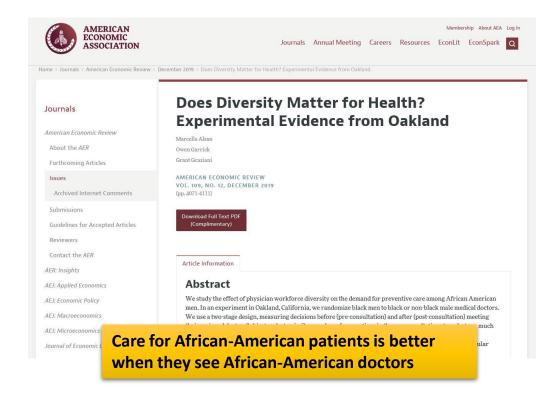
Racial bias still affects many aspects of health care.





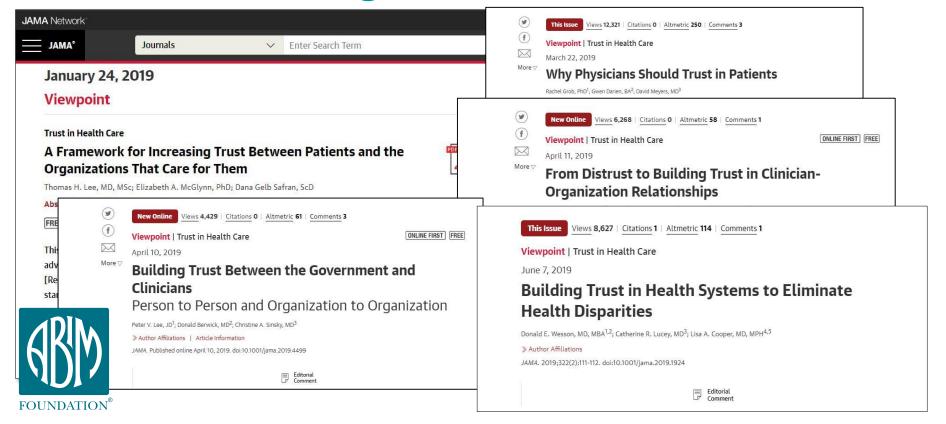
Patient/Physician Factors Affecting Trust

- Fidelity
- Honesty
- Confidentiality
- Competence
- Health literacy
- Perceived COI
- Power dynamics
- Continuity of care





Advancing a Conversation on Trust



778957 PRACTICE CHALLENGE

- Open call to identify and promote existing practices that foster trust in health care
- 68 submissions
- 24 meritorious practices
- 8 winners



77057 PRACTICE CHALLENGE

Exemplary Submissions

- Use of graphic medicine (comic strips) to improve patientphysician engagement involving EHR
- Dedicated clinic program (primary, specialized care) for LGBTQ community
- Shared data collection, reporting on clinical performance

Introducing BUILDING TRUST

✓ Elevate the importance of trust as an essential organizing principle to guide operations and improvements in health care

✓ Build a community of organizations interested in addressing trust as a means to achieve better health care





Five Simple Rules

- 1. Define the problem or challenge
- 2. Describe the exemplar practice that improved trust
- 3. Define what success looks like
- 4. Stick with your sector
- 5. Identify scalability and replicability





2020 Forum: Building Health Equity Through Trust

People

Workforce diversity, workforce training, bias awareness

Tools

- o Community engagement, health research recruitment
- o Evidence/Algorithm Bias

Practices

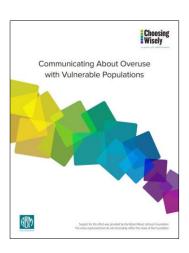
- Performance improvement
- Primary care and patient safety
- Diagnostic bias
- Social determinants of health





Survey of Vulnerable Populations

- 50% expressed low levels of trust in providers or cynicism about care decisions – citing financial influences and conflicts of interest
- Some expressed experiencing bias based on insurance status
- Many expressed desire for trusting, long-term relationship with clinicians





Societal Cost of Health Care Disparities

Poorer population health

- Minority populations receive fewer effective health services than whites, and at risk of receiving more ineffective care
 - Unnecessary cardiac screening
 - Preoperative testing
- Poor health outcomes, lower quality of life



Financial Cost of Health Care Disparities

- Disparities amount to nearly \$93 billion in excess medical care costs
- \$42 billion in economic losses due to lost productivity per year and premature deaths



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Questions for the panel



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of Medicine



Evelyn FigueroaUniversity of Illinois
College of Medicine



Daniel WolfsonABIM Foundation



Moderator:

Jennifer Edgoose
University of Wisconsin School of Medicine and Public Health

