Recognizing the Link Between Physical and Mental Health





Today's speakers

Kendell Andrus Behavioral Health Network Trainer





Community Plan

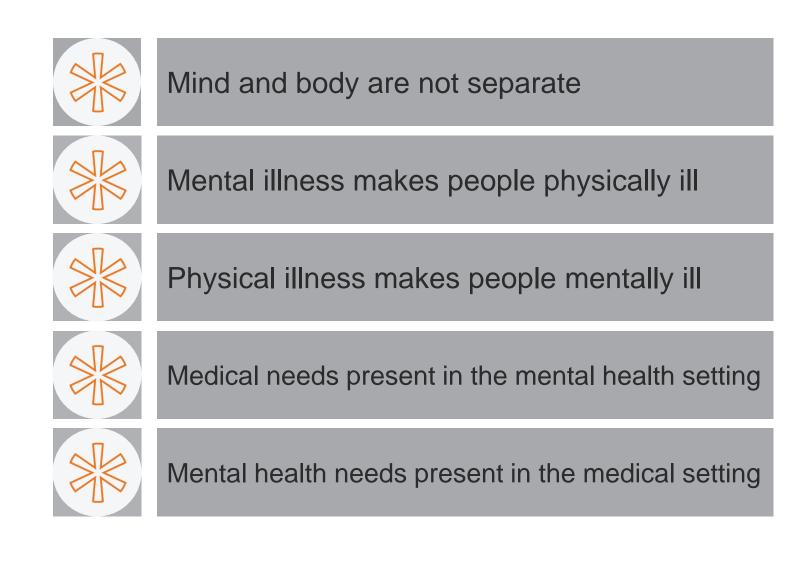
Todays agenda

- Discuss the rationale for integration of physical and behavioral health care
- Explore evidence supporting the causal relationships between physical and mental health
- Discuss the Adverse Childhood Experiences (ACE) Study and its implications for longterm health
- Review models of behavioral health integration and consider their strengths and weakness.









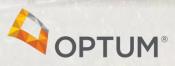




Healthcare Reform

Reduced Stigma and Increased Cultural Awareness

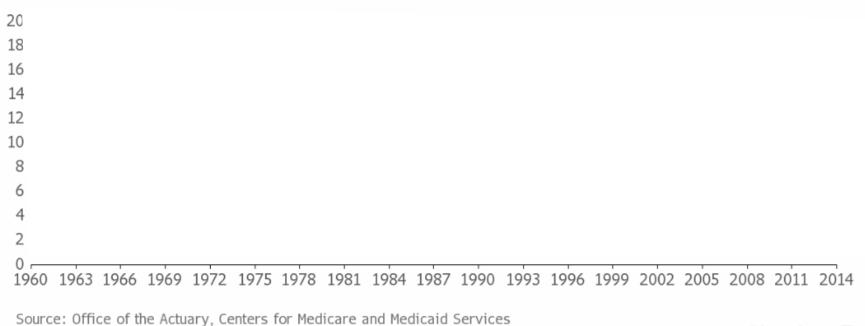
Mental Health Parity and Addiction Act of 2008





Health Care Grows as a Share of GDP

For decades, health care has been taking up an increasing piece of the U.S. economy, and totaled a record 17.5 percent of GDP in 2014, up from 17.3 percent the year before.

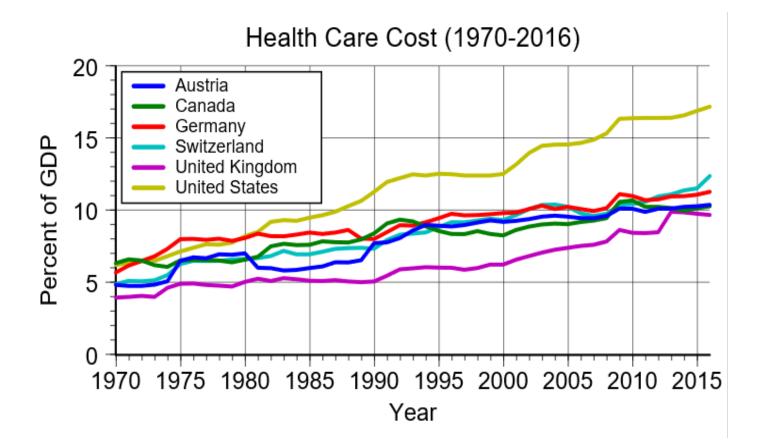


Bloomberg 💵





The growing cost of healthcare







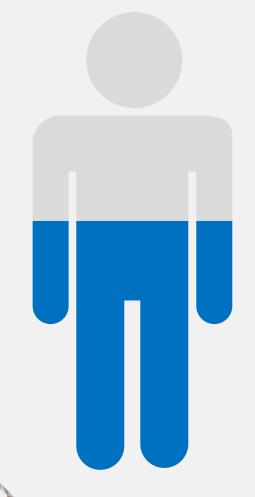
Improving the U.S. health care system requires simultaneous pursuit of three aims: improving the experience of care, improving the health of populations, and reducing per capita costs of health care. Preconditions for this include the enrollment of an identified population, a commitment to universality for its members, and the existence of an organization (an "integrator") that accepts responsibility for all three aims for that population. The integrator's role includes at least five components: partnership with individuals and families, redesign of primary care, population health management, financial management,

arres: improving the experience of care, improving the health of populations, and reducing per capita costs of health care. Preconditions for this include the emoliment of an identified population, a commitment to universality for its members, and the existence of an orgenication (an "integrator") that accepts responsibility for all three aims for that population. The integrator's note includes at least five components: pertneming with individuals and families, redesign of primary care, population health management, financial management, and mecro system integration. (Health Affeirs 21, no. 3 (2008): 159–169; 50.1377/1694/f 27.3.7948



8

Referring Out...





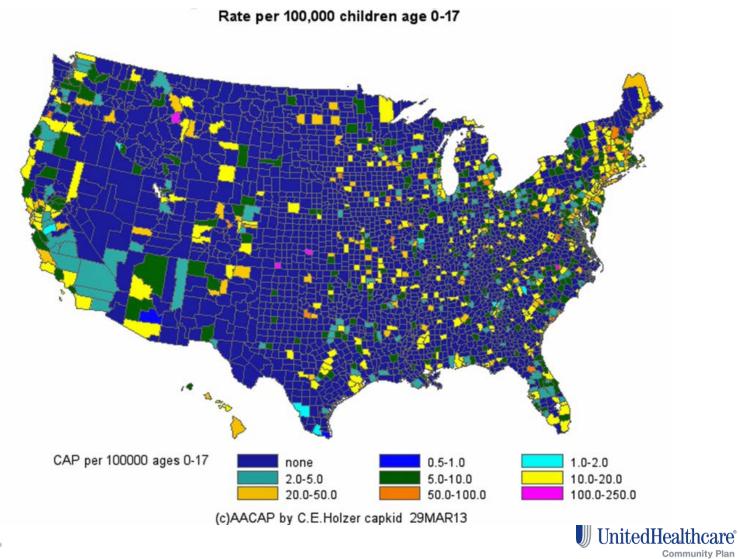
50 % of patients referred to Mental Health providers don't get services





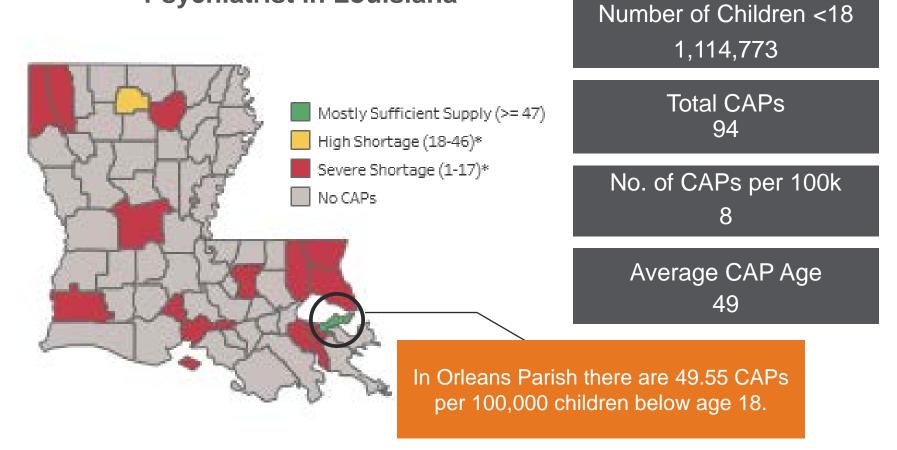
9

Practicing child and adolescent psychiatrists





Practicing Child and Adolescent Psychiatrist in Louisiana







11

Integration of Behavioral Health Within Overall Healthcare



Reduction of Stigma

Improving Access to Care



Improving Outcomes

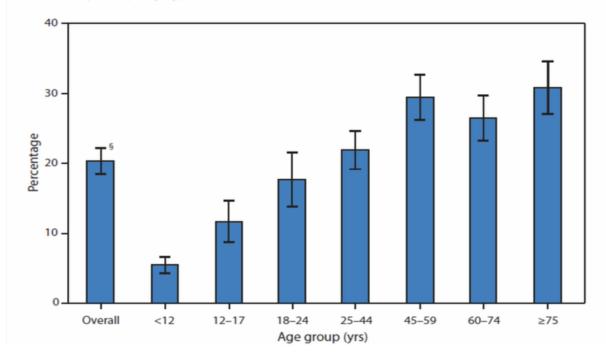




Percentage of mental health related primary care office visits

QuickStats: Percentage of Mental Health-Related* Primary Care[†] Office Visits, by Age Group – National Ambulatory Medical Care Survey, United States, 2010

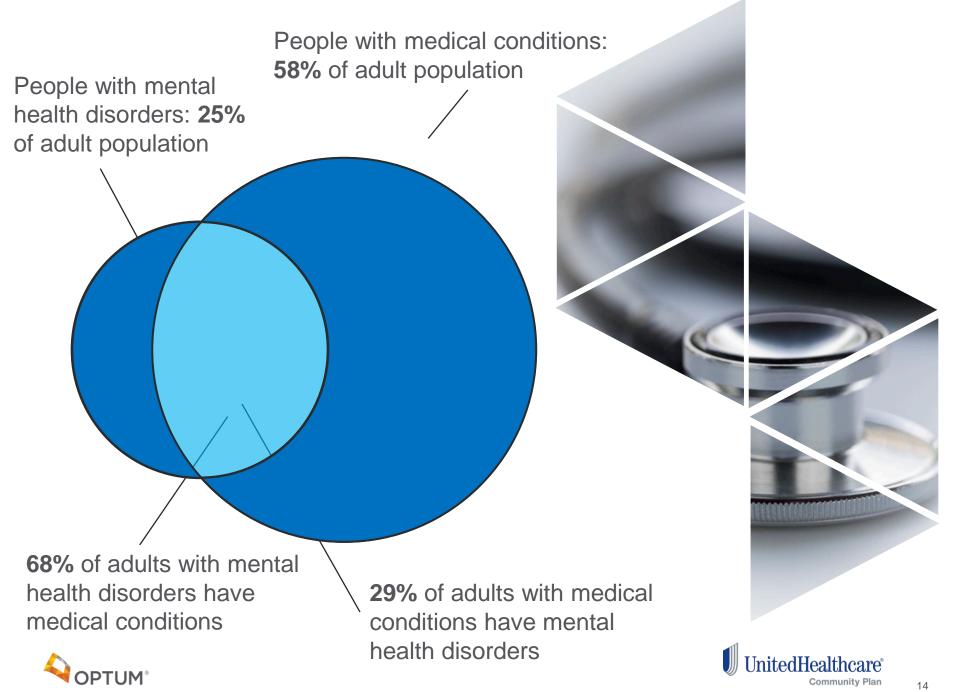








13



BH1933_042019

Is Severe Mental Illness Associated with Poor Physical Health?

68%	Of adults with mental illness have at least one significant physical illness	
3x	As likely to die prematurely from their health conditions	
25 yrs	SMI vs. General Population	









Confidential property of Optum. Do not distribute or reproduce without express permission from Optum.

Community Plan

Diabetes self-care and major depression

Self-Care Activities (past 7 days)	No Major Depression ^a	Major Depressionª	Odds Ratio ^b	95% CI	Significance
	Di	et			
Healthy eating ≤1 time/wk	8.8%	17.2%	2.1	1.59-2.72	P <.0001
5 servings of fruits/vegetables ≤1 time/wk	21.1%	32.4%	1.8	1.43-2.17	P <.0001
High-fat foods ≥6 times/wk	11.9%	15.5%	1.3	1.01-1.73	P <.04
	Exer	cise			
Physical activity (≥30 minutes) ≤1 time/wk	27.3%	44.1%	1.9	1.53-2.27	P <.0001
Specific exercise session ≤1 time/wk	45.8%	62.1%	1.7	1.43-2.12	P <.0001
	Smo	king			
Yes	7.7%	16.1%	1.9	1.42-2.51	P <.0001

Table 1 Diabetes Self-Care and Major Depression

* Percentages are unadjusted.

^b Adjusted for these covariates: age, sex, marital status, education, racelethnicity, medication risk, complications, treatment intensity, clinic, and physician generalized estimating equation.

Source: Reference 25.

Lin et al. Group Health Cooperative, 2004











18

Mental Health Symptoms Influencing Utilization of Healthcare Services

Stigma among providers affecting access and thoroughness of care

Idiosyncratic beliefs and paranoia

Difficulty with transportation and keeping appointments

Difficulty with compliance and following treatment regimens







BH1933_042019

Mental health needs addressed in medical care settings

Physical health needs addressed in mental health settings

Mental and physical healthcare operating in the same system



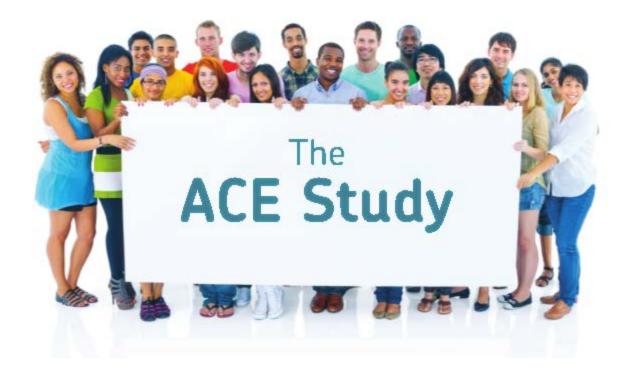








21







22

Research Article

Relationship of Childhood Abuse and Household Dysfunction to Many of the Leading Causes of Death in Adults

The Adverse Childhood Experiences (ACE) Study

Vincent J. Felitti, MD, FACP, Robert F. Anda, MD, MS, Dale Nordenberg, MD, David F. Williamson, MS, PhD, Alison M. Spitz, MS, MPH, Valerie Edwards, BA, Mary P. Koss, PhD, James S. Marks, MD, MPH

Methods: A questionnaire about adverse childhood experiences was mailed to 13,494 adults who had completed a standardized medical evaluation at a large HMO; 9,508 (70.5%) responded. Seven categories of adverse childhood experiences were studied: psychological, physical, or sexual abuse; violence against mother; or living with household members who were substance abusers, mentally ill or suicidal, or ever imprisoned. The number of categories of these adverse childhood experiences was then compared to measures of adult risk behavior, health status, and disease. Logistic regression was used to adjust for effects of demographic factors on the association between the cumulative number of categories of childhood exposures (range: 0–7) and risk factors for the leading causes of death in adult life.





23

01/12/14

NEWS

Early Adversity Increases Physical, Mental, Behavioral Problems, Scientists Report



Dr. Robert Anda & Dr. Vincent Felitti Investigators Centers for Disease Control & Prevention, Kaiser Permanente Study

Over 17,000 study participants

The ACE Study confirms, with scientific evidence, that adversity early in life increases physical, mental and behavioral problems later in life.



24



Adverse Childhood Experiences (ACEs)





ABUSE

Physical

Sexual



Emotional



Physical



Emotional



Mental Illness

HOUSEHOLD INSTABILITY



Divorce

C.

Mother Treated Violently



Incarcerated

Relative

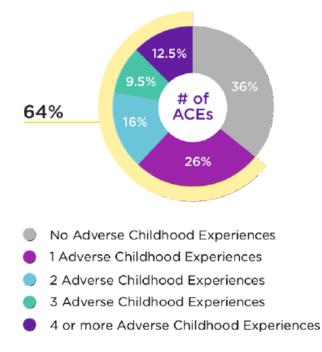
Substance Abuse





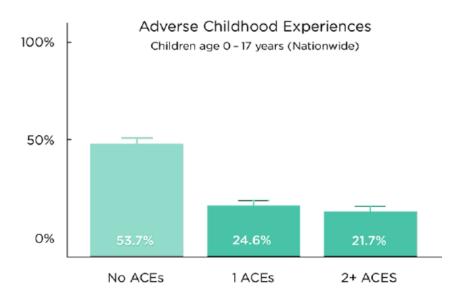
ACEs are common:

 Nearly 2 out of 3 adults have at least one ACE



Source: CDC-Kaiser ACE Study (1998)

• Nearly half of children (34.8 million) have at least one ACE

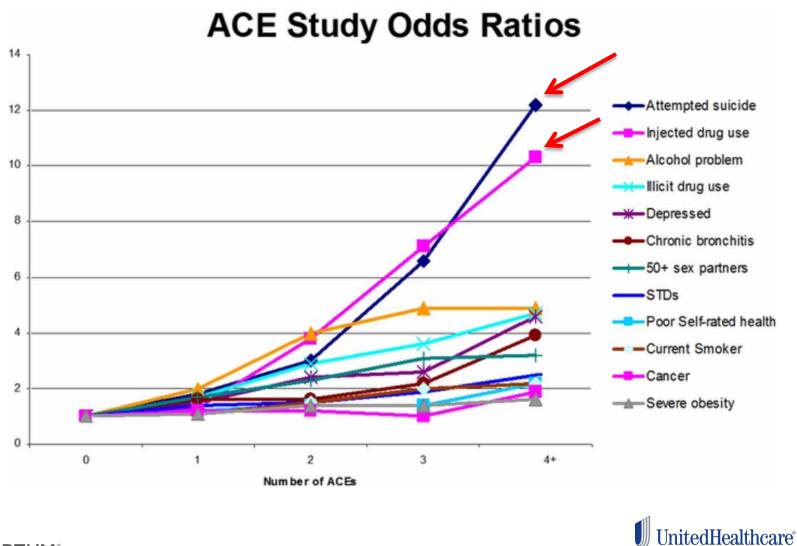


http://www.cahmi.org/wp-content/uploads/2017/10/aces_fact_sheet.pdf





Cumulative effect of ACEs





27

Community Plan

ACEs influence on health



Mechanism by Which Adverse Childhood Experiences Influence Health and Well-being Throughout the Lifespan





What can be done about ACEs?

Voluntary home visiting programs can help families by strengthening maternal parenting practices, the quality of the child's home environment, and children's development. Example: Nurse-Family Partnership



Home visiting to pregnant women and families with newborns



Parenting training programs



Intimate partner violence prevention



Pare teen prev

Parent support programs for teens and teen pregnancy prevention programs Mental illness and substance abuse treatment ABC

High quality child care



Sufficient Income support for lower income families

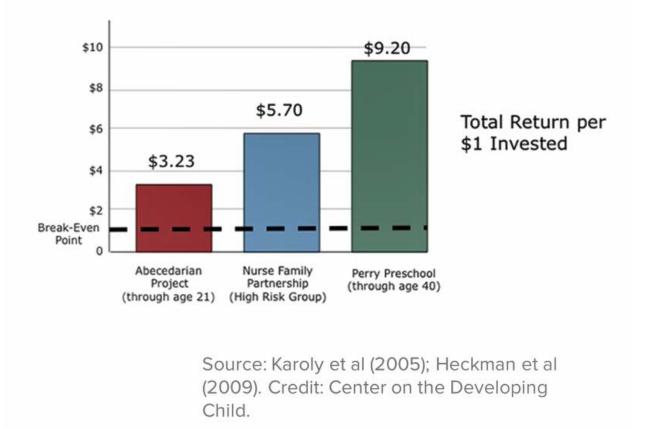




29

Cost/Benefit Analyses Show Positive Returns

Early Childhood Programs Demonstrating Range of Benefits to Society







30

"The Primary Care Advantage"

- Patients and families often feel more comfortable and trusting of primary care providers
- Primary care providers have the opportunity for prevention and screening
- Experience coordinating care for children with multiple specialist and ancillary providers
- Primary care providers know the developmental context of symptoms
- Addressing psychiatric issues in primary care setting can reduce stigma





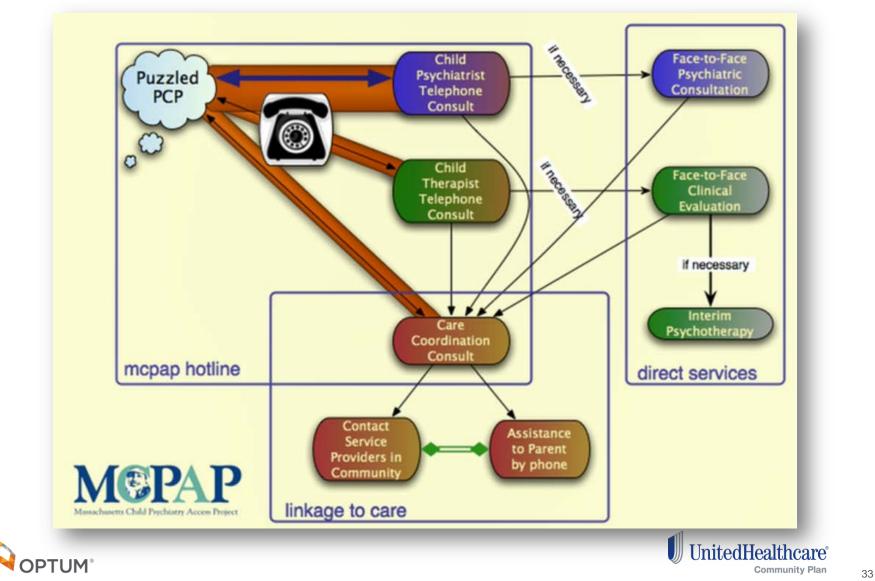
Models of Mental Health Integration

	Behavioral Health	Child Psychiatry	Collaborative Care	
	Clinician Model	Access Programs	Model	
Behavioral Health	On Site: Behavioral	Off-site Psychiatrist,	On Site: Behavioral	
Team	health clinician: Social	therapist or care	Health Care	
	Worker, Psychologist,	coordinator	Manager	
	Nurse Practitioner (rarely		Ũ	
	psychiatrist)		Off/On Site:	
			Psychiatric	
			Consultant	
Behavioral and	In the same space,	In separate facilities,	In the same space,	
Primary Care	within the same	health records are not	within the same	
Physicians work:	facility, sharing	typically shared	facility, sharing	
	health records		health records	
Advantages in	Allows for	Availability of	Measurable and	
practice	collaboration of care,	immediacy of	definable, clinicians and	
-	broad reach of the clinic	consultation, outreach of	teams can be held	
	population	services (ability to reach	accountable to outcomes	
		more patients)		
Challenges in	Cultural changes in	System issues may	Sustainability	
Practice	clinical practice,	limit collaboration,	issues, Limited Studies	
	defaulting to co-location,	financing of services	in pediatric population,	
	limited ability for more		financing of services	
	structured and intensive		Ŭ	
	behavioral health			
	interventions or care			

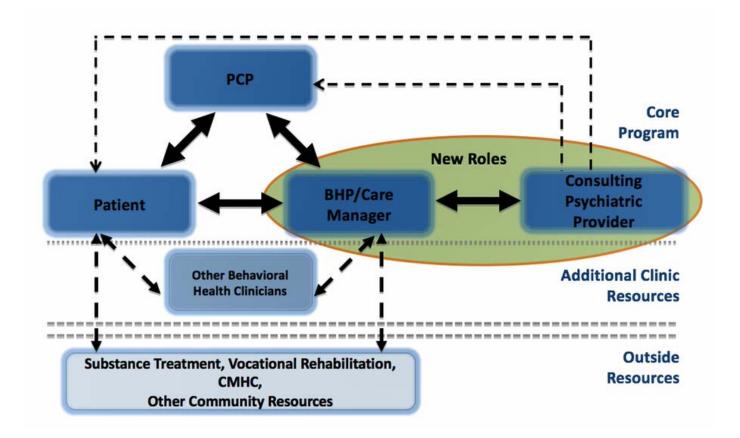


The MCPAP clinical process

BH1933_042019



Collaborative team approach







34

BH toolkit for medical providers









35

SAMHSA-HRSA Center for Integrated Health Solutions





Community Plan

Why have we not ensured that mental health services be coordinated with physical services?





37

Thank you.

Contact information:

Kendell Andrus Network Trainer – Behavioral Health training_bhnetwork@uhc.com



