

How ACEs Aware Training Can Support Providers and Patients through COVID-19

February 24, 2021

ACEs Aware Mission



To change and save lives by helping providers understand the importance of screening for Adverse Childhood Experiences and training providers to respond with trauma-informed care to mitigate the health impacts of toxic stress.



Continuing Medical Education and Maintenance of Certification



Joint Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by the Postgraduate Institute for Medicine, the Office of the California Surgeon General, the California Department of Health Care Services and Aurrera Health Group. Postgraduate Institute for Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

See <u>ACEsAware.org</u> for full accreditation information.

Presenters

Devika Bhushan, MD, FAAP

Pediatrician; Chief Health Officer, Office of the California Surgeon General

Eric Ball, MD, FAAP

CHOC Primary Care Network Immediate Past President, American Academy of Pediatrics, Orange County, California

Martina Jelley, MD, MSPH, FACP

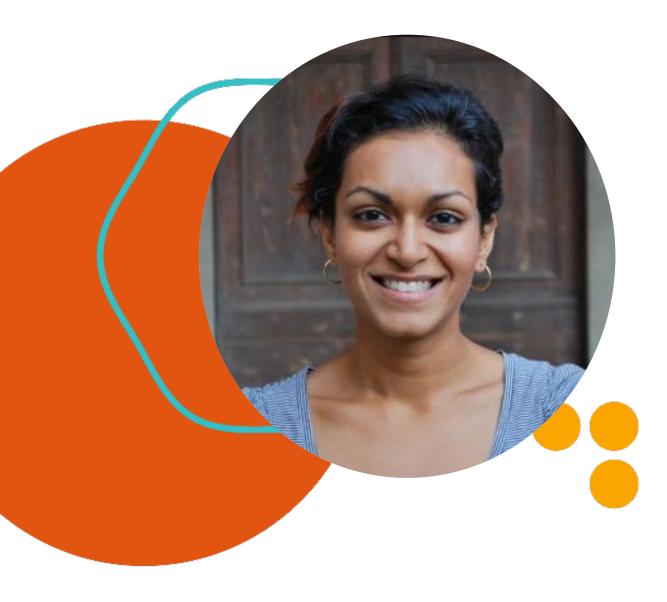
Professor and Vice Chair for Research, Julian Rothbaum Chair in Community Health Research, Assistant Dean for Clinical Research, University of Oklahoma School of Community Medicine

Agenda



- 1. Define Adverse Childhood Experiences (ACEs), toxic stress response, and principles of traumainformed care
- 2. Discuss acute stressors that activate the toxic stress response affecting physical and mental health, including increased rates of ACEs and ACE-Associated Health Conditions
- 3. Apply the ACEs Aware training and buffering resources to help patients mitigate the secondary health impacts caused by COVID-19 and how to support communities in these efforts
- 4. Answer audience questions





Secondary Health Impacts of COVID-19: Overview

Devika Bhushan, MD, FAAP Office of the CA Surgeon General

Observed Secondary Health Impacts



- *Heart disease
- \circ *Strokes
- o *Diabetes
- *Kidney disease
- o *Dementia
- *Cancer detection, care
- *Traumatic injuries
- Poorer oral health

- Poorer perinatal outcomes
- Developmental and learning loss
- o Depression, anxiety
- o *Suicidality
- o PTSD
- o Substance use
- Interpersonal violence: child abuse, neglect, IPV

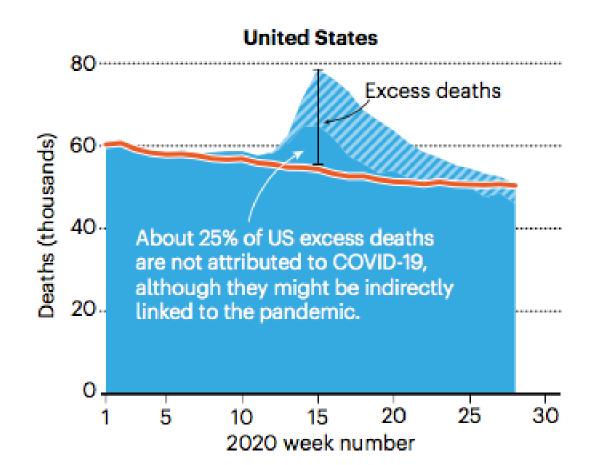
Leading Causes of Death in US



	Leading Causes of Death in US, 2017
1	Heart Disease
2	Cancer
3	Accidents
4	Chronic Lower Respiratory Disease
5	Stroke
6	Alzheimer's
7	Diabetes
8	Influenza and Pneumonia
9	Kidney Disease
10	Suicide (Attempts)

Secondary Health Impacts: Excess Deaths





Observed Secondary Health Impacts

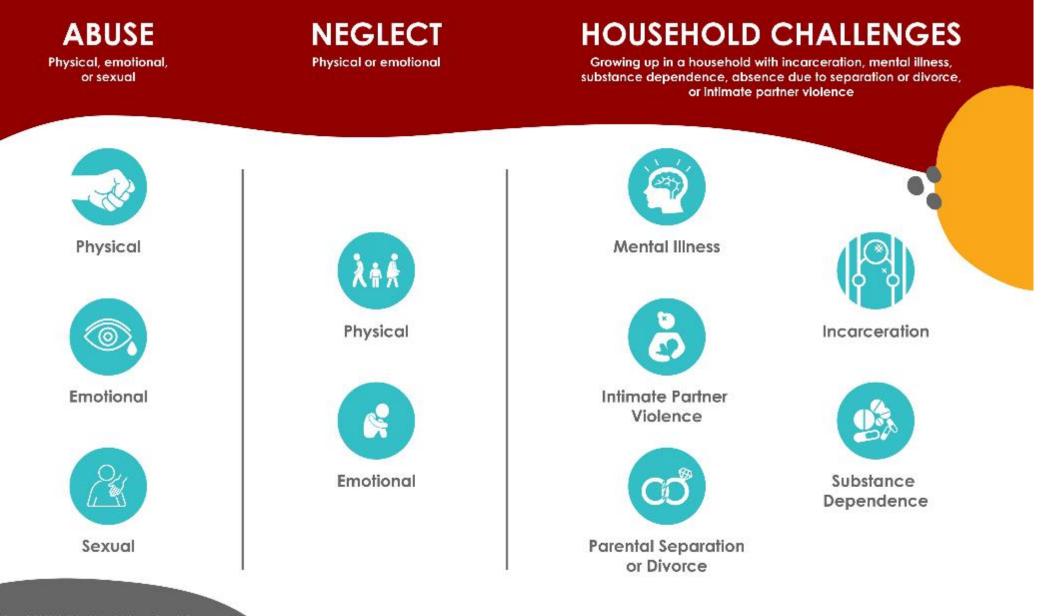


10

- Heart disease
- \circ Strokes
- o Diabetes
- Kidney disease
- o Dementia
- Cancer detection, care
- o Poorer oral health

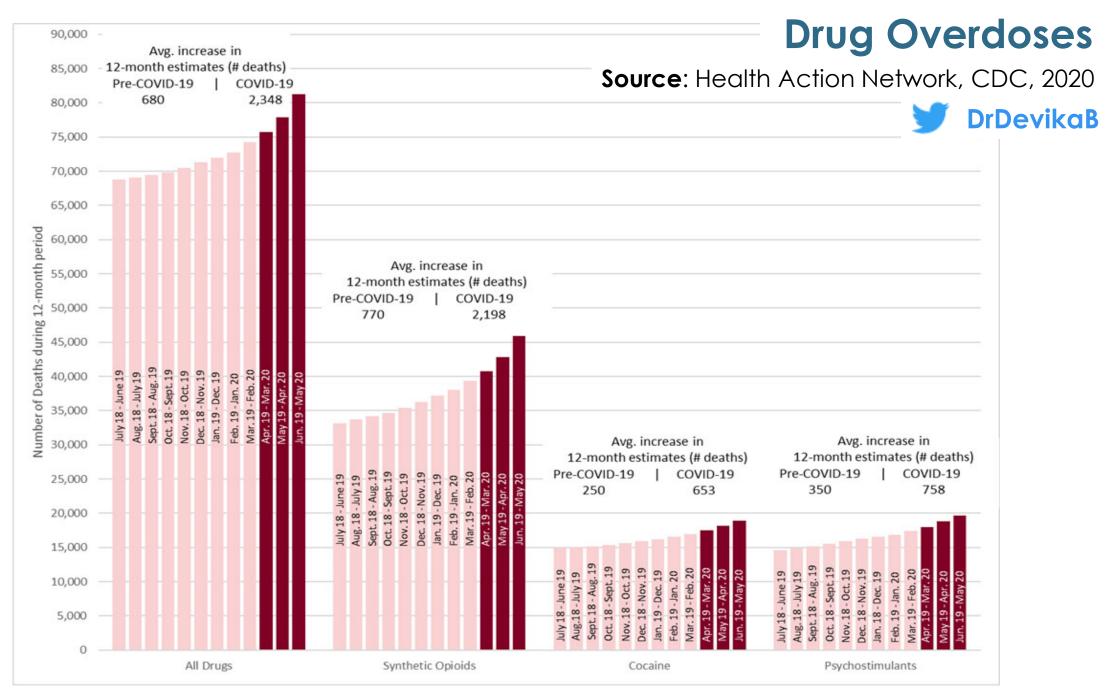
- Poorer perinatal outcomes
- Developmental and learning loss
- Depression, anxiety
- o Suicidality
- o **PTSD**
- Substance use
- Interpersonal violence: child abuse, neglect, IPV
- o Traumatic injuries

Sources: Holland et al., 2021; Miller et al., 2021; Solomon et al., 2020; Health Action Network, 2020; Twenge, 2020; Lange et al., 2020; Swedo et al., 2020; Bramer et al., 2020; McNight-Eily et al., 2021; Kamrath et al., 2020; Lawrence et al., 2021; Agarwal et al., 2020; Kerleroux et al., 2020; Uchino et al., 2020; Chisini et al., 2020; Liguoro et al., 2020; Prasad et al., 2020; Tam et al., 2021; Kotlar et al., 2021



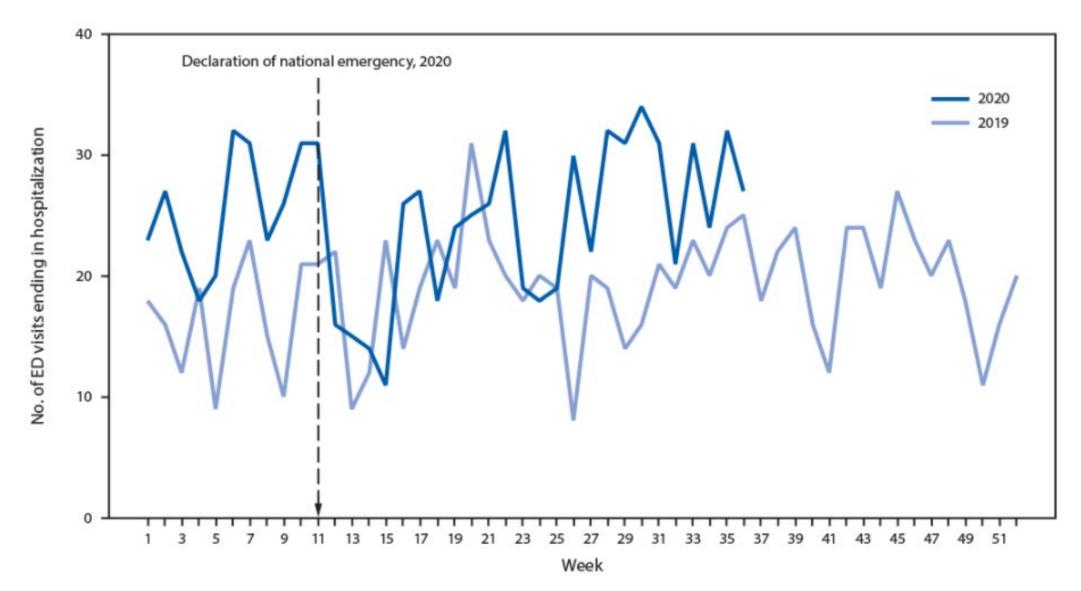
Capyright 2013, Robert Wood Johnson Foundation. Adapted and used with permission fram the Robert Wood Jahnson Foundation.





Child Abuse and Neglect





Source: Swedo E, et al. Trends in U.S. Emergency Department Visits Related to Suspected or Confirmed Child Abuse and Neglect Among Children and Adolescents Aged <18 Years Before and During the COVID-19 Pandemic — United States, January 2019–September 2020. MMWR Morb Mortal Wkly Rep 2020; 69: 1841–7.

Underlying Reasons for Secondary Impacts





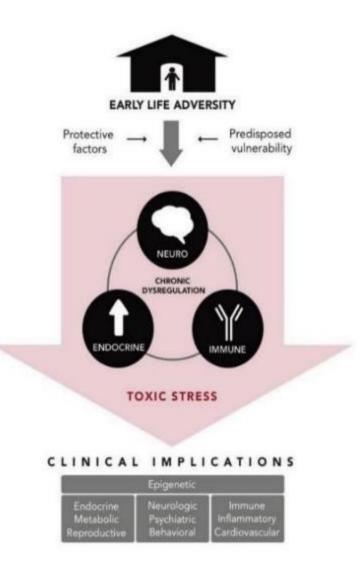
1. Activated biological stress response

- Neuro-endocrine-immune-metabolic dysregulation
- 2. Disrupted health care access
- 3. Reduced health maintenance resources

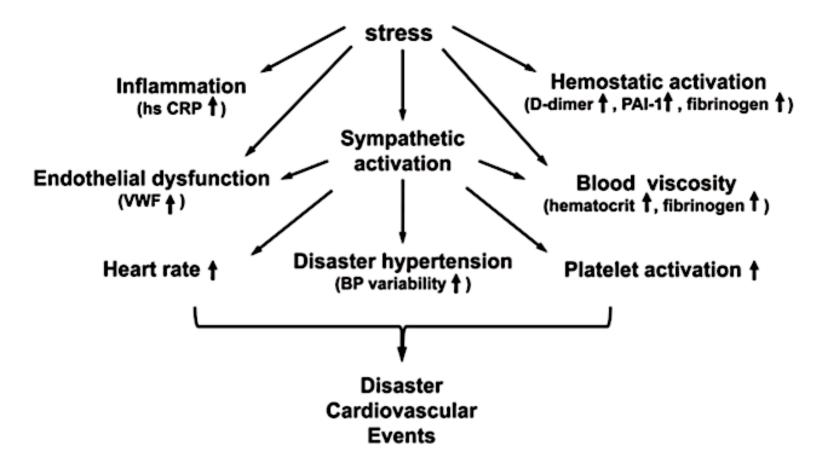
Toxic Stress: Underlying Vulnerability



Already biologically **"stresssensitized**"



A Closer Look: Cardio/Cerebrovascular Risk

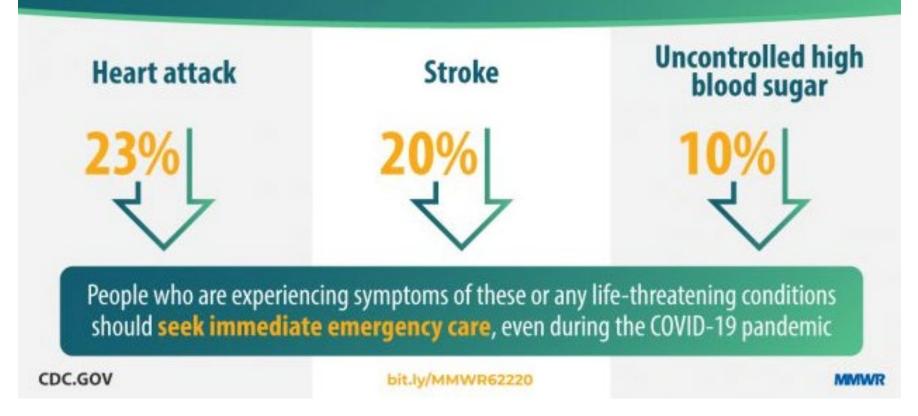


DrDevikaB

Decreased Care-Seeking



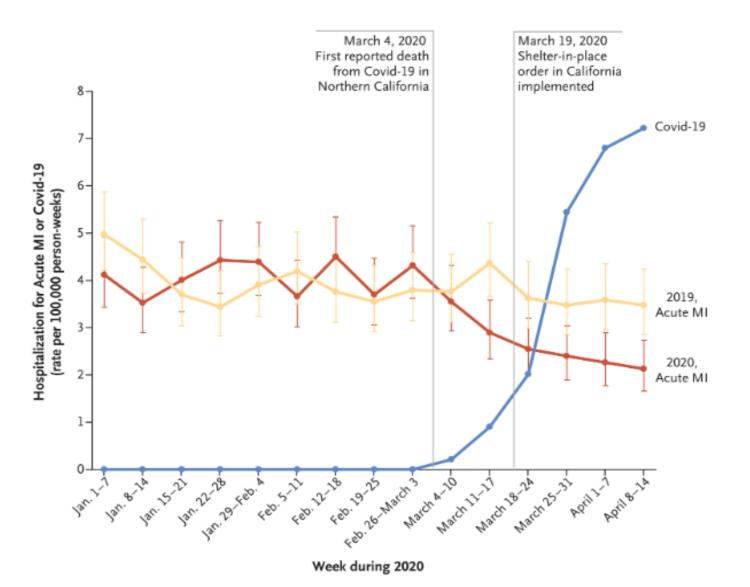
In the 10 weeks following the declaration of the COVID-19 national emergency, visits to emergency departments declined for:



Source: Lange SJ, et al. Potential Indirect Effects of the COVID-19 Pandemic on Use of Emergency Departments for Acute Life-Threatening Conditions — United States, January– May 2020. MMWR Morb Mortal Wkly Rep 2020; 69: 795–800.

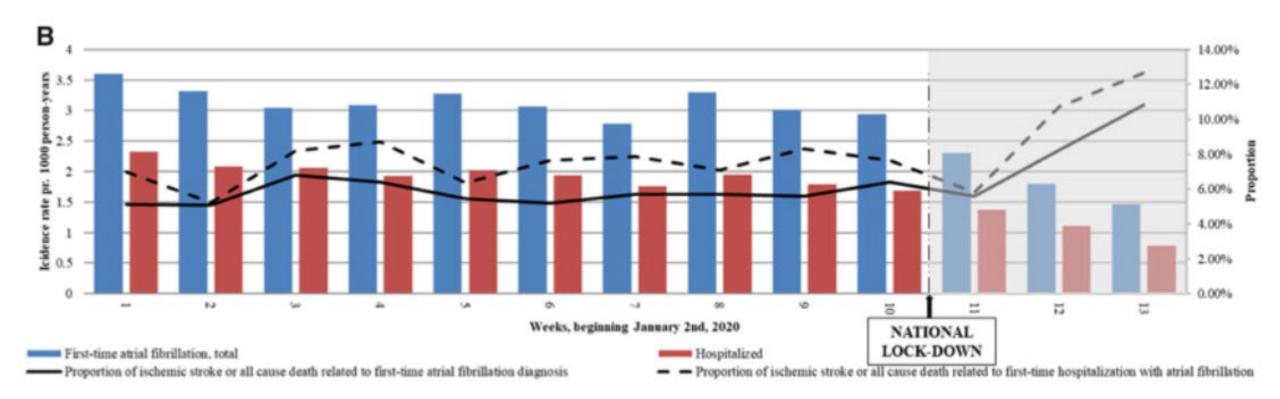
Heart Attacks





Strokes





Underlying Reasons for Secondary Impacts





1. Activated biological stress response

- Neuro-endocrine-immune-metabolic dysregulation
- 2. Disrupted health care access
- 3. Reduced health maintenance resources

Evidenced-Based Buffering Interventions ^J DrDevikaB</sup>



Sources: Bhushan D, et al. The Roadmap for Resilience: The California Surgeon General's Report on Adverse Childhood Experiences, Toxic Stress, and Health. Office of the California Surgeon General, 2020 DOI:<u>10.48019/PEAM8812</u>; Gilgoff et al. Adverse Childhood Experiences, outcomes, and interventions. *Pediatric Clinics* 2020; **67**(2): 259-73.



Caring for Kids: ACEs Aware Training and Clinical Response to Toxic Stress and COVID-19

Eric Ball, MD, FAAP CHOC Primary Care Network

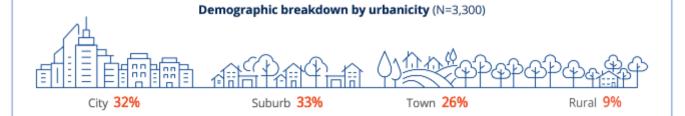
Mental Health in the Context of COVID-19



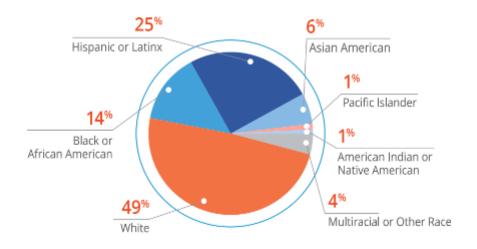
Source: Adapted from Zunin & Myers as cited in DeWolfe, D. J., 2000. Training manual for mental health and human service workers in major disasters (2nd ed., HHS Publication No. ADM 90-538). Rockville, MD: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Mental Health Services.

ABOUT THE SURVEY

This brief describes selected data from a nationally representative survey of 3,300 young people, aged 13-19, that was conducted as part of the *How Learning Happens* initiative at America's Promise Alliance. The survey was designed by a team at the Center for Promise and America's Promise Alliance; then administered online by Qualtrics, an online survey platform, over a two-week period during late April and early May 2020. For any young person under 16, consent was obtained via parental consent forms. Respondents were evenly split across grades 9-12 and were 49% female, 50% male, and 1% non-binary.



Demographic breakdown by race (N=3,300)





The State of Young People during COVID-19

Findings from a nationally representative survey of high school youth

OVERVIEW

The public health crain created by the spread of COVED Critical discussed day-to-day hybrid access the London building, including an extended classer of activity buildings. Nyriad resea ocurres and enterging research: an regarding on the deep and dispacts effects that are membered top/ters-three closures. But how do young people themenion perceive the impact to far on their learning and their lows?

To answer this question, the Easter for Promise at America's Promise Aliance constanted a radionally representative sarvey' of 2018('you'ry people aged 13-14. These findings suggest that students are experiencing a collective trauma, and that they and their families would benefit from immediate and ongoing support.

Overall, the results are decayly scheming:

 While nearly all of the high school youth surveyed (02%) separately are participating in online learning apportunities, many than three quarters (20%) are sponding four or ferver hours each day in class ar working or assignments.

 Since their softwall buildings cleaned, young propaint lowests of containts, about the propertiend fature toor increased, and indicators of several health and wellbeing have sufficient. For examples, 30% of proofs people say they have more other been their participage or depressed, and means as many

say they are reach more consorrent than you all about having their back reach that.

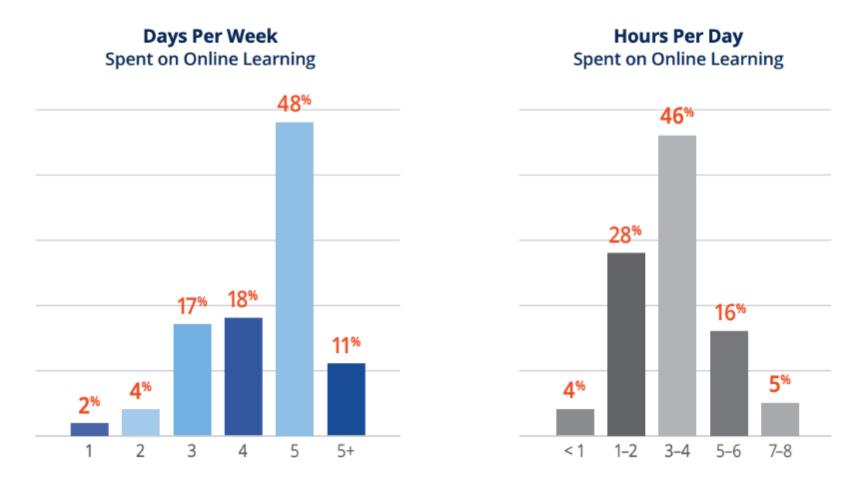
 More than one quarter of instances (20%) say they do not that connected at after school adults. A similar percentage do not their operated to characteristics or to their school contraction.

Taken together, these findings suggest the scatterin are experiencing a callective insuma, and that they and their families would be with from inneedate and anguing suggest for takes, needs, physical and mental health, and maring opportunities. Without that suggest, this recenters in time is likely to take lasting regains effects for this concert aftegs when material.⁷

The lists of free physics in her 1010011

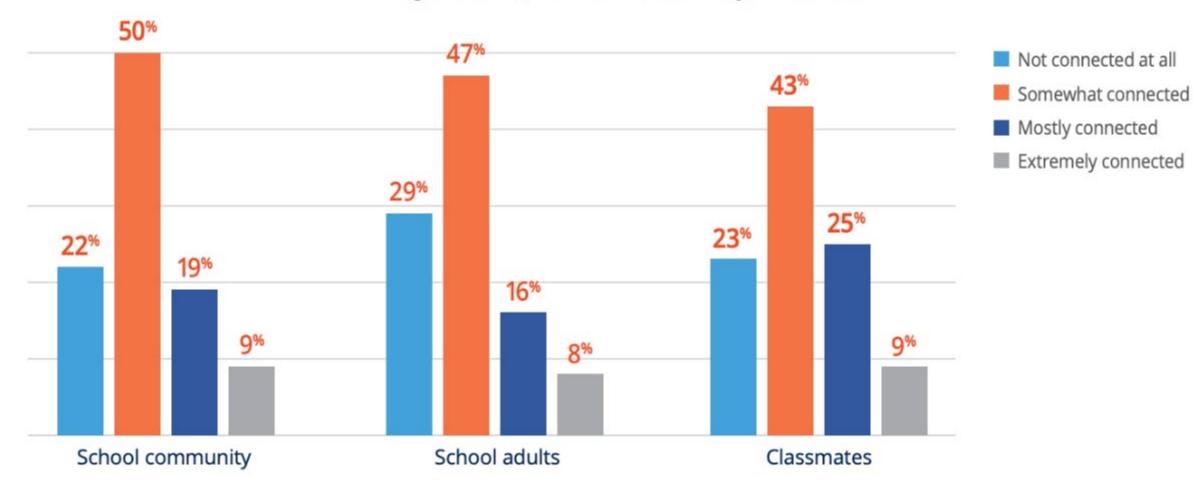
Showing up to learn, but fewer hours per day

Although just over half of students report participating in online learning or working on assignments five or more days a week, **three-quarters** report spending between **1** and **4** hours on these activities during a typical day—far less time than a regular school day.⁵



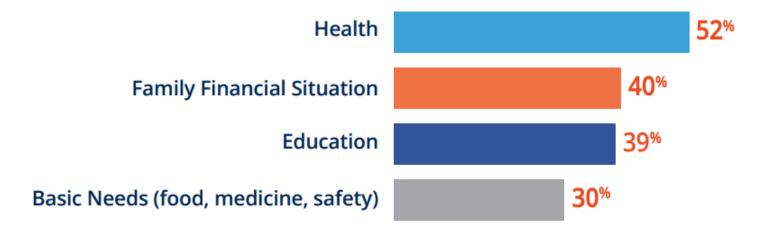
Source: America's Promise Alliance. <u>The State of Young People During COVID-19</u>. June 2020.

During this time, how connected do you feel to...



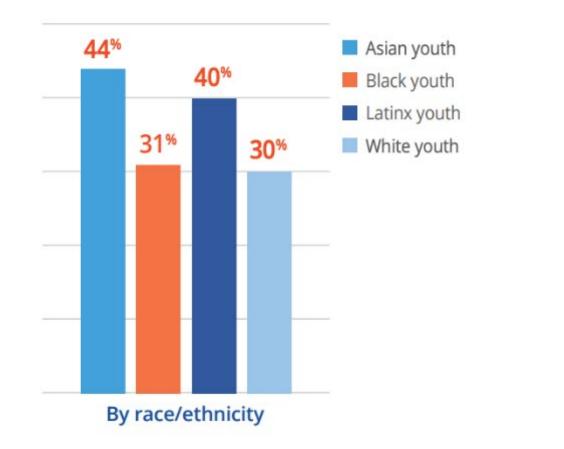
More concerned about basic needs, health, and academics

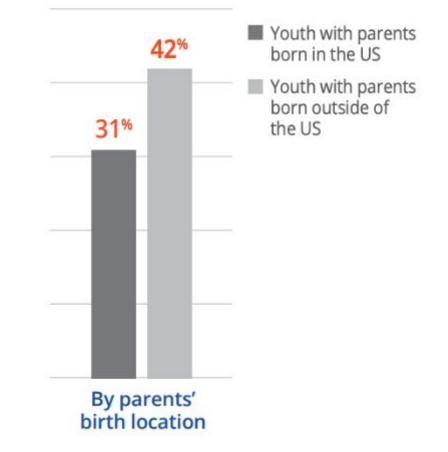
More than half of young people are much more concerned than usual about their own and their family's physical and emotional health. In addition, a sizeable proportion of young people are much more concerned than usual about their current and future education, including their grades and getting into college.



Percent of students who are "much more concerned than usual" about...

Percent of youth reporting poorer emotional and cognitive health





Source: America's Promise Alliance. <u>The State of Young People During COVID-19</u>. June 2020.

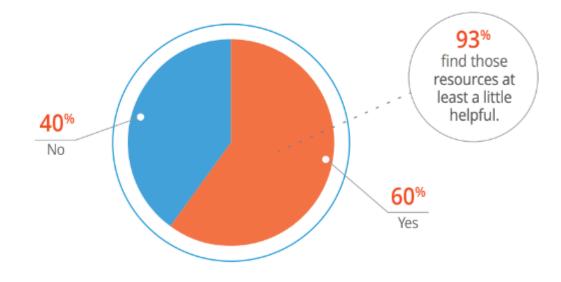
Experiencing poorer emotional and cognitive health

In addition to the growing concerns young people have for themselves and their families, their emotional and cognitive health is also suffering. When asked about specific indicators of emotional and cognitive health,⁶ **more than 1 in 4** young people reported an increase in **losing sleep because of worry, feeling unhappy or depressed, feeling constantly under strain, or experiencing a loss of confidence in themselves**.



Finding support helpful, when it is offered

The survey findings point to a greater need for social and emotional support. Although most young people say that an adult from their school has suggested tools and resources for them—and the vast majority of these young people say the resources are at least a little helpful—a large percentage say no adult from school has suggested this kind of support.



Percent of youth offered social or emotional support by an adult from their school

COVID-19 and Parent-Child Psychological Well-being

Anna Gassman-Pines, PhD, Elizabeth Oltmans Ananat, PhD, John Fitz-Henley, II, BA

TABLE 3 Descriptive Statistics	of	COVID-
19–Related Hardships		
		%
COVID-19 hardships		
Job loss		59.8
Income loss		68.6
Caregiving burden		44.5
Household illness		11.6
No. COVID-19 hardships		
0		14.1
1		20.8
2		34.9
3		26.8
4		3.4

TABLE 4 Associations Between Risk Factors and Family Mental Health Outcomes in Post-COVID-19 Period

	Parental Negative Mood	Parental Negative Sleep Quality	Child Uncooperative Behavior	Child Worried
Household adult layoff	0.116**	0.127	0.026	0.028
	(0.053)	(0.091)	(0.079)	(0.053)
Household income loss	0.173***	0.178*	0.158*	0.071
	(0.055)	(0.094)	(0.082)	(0.055)
Increased caregiving burden	0.117**	0.094	0.225***	0.105**
	(0.050)	(0.085)	(0.073)	(0.049)
Household member felt sick	0.172**	0.226*	0.461****	0.263***
	(0.078)	(0.132)	(0.113)	(0.076)
Cumulative COVID-19 hardship index (reference group = 0 hardships)				
1 hardship	0.12	0.144	0.185	-0.061
	(0.099)	(0.167)	(0.147)	(0.099)
2 hardships	0.316***	0.471***	0.295**	0.061
	(0.090)	(0.152)	(0.134)	(0.090)
3 hardships	0.334****	0.315**	0.376***	0.111
	(0.094)	(0.159)	(0.140)	(0.094)
4 hardships	0.429****	0.641***	0.789****	0.324**
	(0.141)	(0.237)	(0.209)	(0.140)

n = 561 families.

n = 352 families with daily survey reports after the crisis began who also answered the point-in-time survey. Unstandardized coefficients from separate OLS regressions predicting each outcome are shown. All models are weighted by the number of surveys participants completed during the posterisis period. Data are presented as regression coefficients and (SE). * P < .10.

30

**** P < .001.

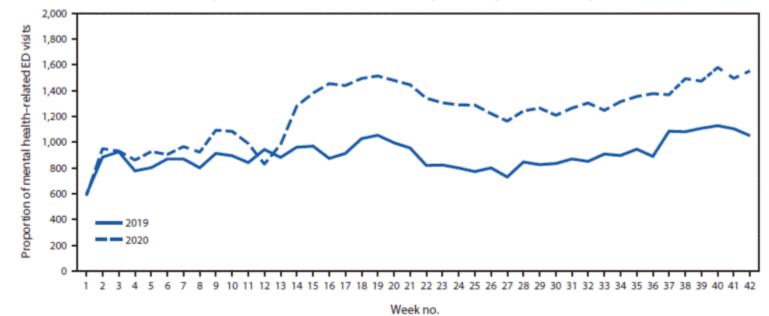
^{**} P < .05.

^{***} P < .01.

Morbidity and Mortality Weekly Report

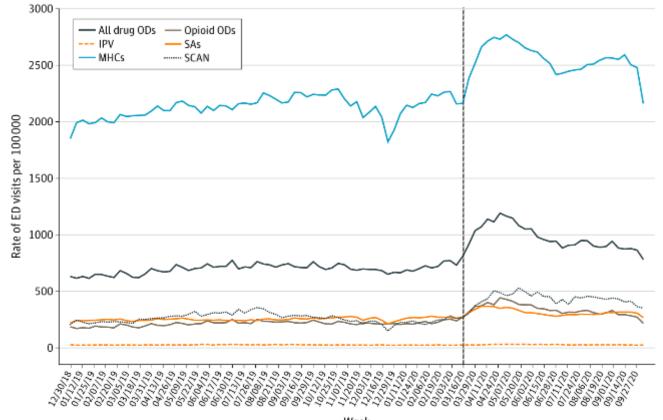
Mental Health–Related Emergency Department Visits Among Children Aged <18 Years During the COVID-19 Pandemic — United States, January 1–October 17, 2020

Rebecca T. Leeb, PhD¹; Rebecca H. Bitsko, PhD¹; Lakshmi Radhakrishnan, MPH²; Pedro Martinez, MPH³; Rashid Njai, PhD⁴; Kristin M. Holland, PhD⁵



B. Proportion of mental health-related ED visits per 100,000 pediatric ED visits per week

*Proportion of mental health-related ED visits = number of ED visits for children's mental health/total number of pediatric ED visits x 100,000 Rate of Emergency Department (ED) Visits for All Drug and Opioid Overdoses (ODs), Intimate Partner Violence (IPV), Suicide Attempts (SAs), Mental Health Conditions (MHCs), and Suspected Child Abuse and Neglect (SCAN) per 100,000 ED Visits in the US December 30, 2018, to October 10, 2020



Week

Source: Holland KM, Jones C, Vivolo-Kantor AM, et al. <u>Trends in US Emergency Department Visits for Mental Health, Overdose, and Violence Outcomes Before and</u> During the COVID-19 Pandemic. JAMA Psychiatry. Published online February 03, 2021

Top E.R. Doctor Who Treated Virus Patients Dies by Suicide

"She tried to do her job, and it killed her," said the father of Dr. Lorna M. Breen, who worked at a Manhattan hospital hit hard by the coronavirus outbreak.

Infectious Disease > COVID-19

COVID-19 Shutters Some Private Practices

- "If [patients] are sick and get us sick, we can't help anyone"

<u>Positive stress</u> The body's normal and health stress response to a tense situation/event



Activation of the body's stress response to a long-lasting or severe situation/event

<u>Toxic stress</u> Prolonged activation of the body's stress response to frequent, intense situation/events

Source: Adapted from Bucci, M., S. S. Marques, D. Oh, and N. B. Harris. 2016. Toxic stress in children and adolescents. Advances in Pediatrics 63(1):403–428.

COVID-19

ORONAVIRUS DISEASE 2019

Protecting Ourselves and Our Patients from Stress and Adversity during COVID-19

• MAINTAIN SUPPORTIVE RELATIONSHIPS:

- Turn off media and devices for quality time together
- Make art, dance, cook or read with loved ones
- Remain in touch with mentors, friends, and family by phone or video chat, including schools and communityor faith-based organizations

• ENGAGE IN DAILY EXERCISE:

- Exercise for 60 minutes of physical activity daily

○ GET SUFFICIENT, HIGH QUALITY SLEEP:

- Go to sleep and wake up at the same time each day
- Turn off electronics at least a half hour before bed
- Drink warm water or hot tea and read a book after you climb into bed
- Avoid caffeine in the afternoon and evening



Protecting Ourselves and Our Patients from Stress and Adversity during COVID-19

• KEEP BALANCED NUTRITION:

- Keep regular mealtimes, so you aren't just snacking all day
- Minimize refined carbohydrates, high fat, and high sugar foods

$\circ~$ ENGAGE IN MENTAL HEALTH CARE:

- Schedule video or phone sessions for psychotherapy, psychiatric care and substance use disorder treatment when possible
- Minimize consumption of news or other media content that feels upsetting

• ACCESS NATURE:

– Go to a park or hike





Case Study #1

13-year-old teen well child check

Case Study #1: 13-year-old Well Child Check

- No prior history of any physical or mental health problems
- Active soccer and baseball player, but no longer playing either sport
- Attending 'distance learning' schooling since last March
 - Now in 7th grade (first year in middle school).
 Missed elementary school 'graduation'
 - Grades now declining—getting mainly B's and C's
 - Mom would like to discuss 'possible ADHD'
- PHQ-A depression screening tool: 13 (moderate depression). Last year score was 1.
- \circ ACE score: 0

Name:Clinician:				
Instructions: How often have you been bothered by each o weeks? For each symptom put an "X" in the box beneath the	f the followin ie answer that	g symptoms d at best describ	es how you ha	two ave been
feeling.	(0) Not at all	(1) Several days	(2) More than half the days	(3) Nearly every day
1. Feeling down, depressed, irritable, or hopeless?	a di sang la	,	V	
2. Little interest or pleasure in doing things?			A CARE AND A CARE	,
 Trouble falling asleep, staying asleep, or sleeping too much? 				
Poor appetite, weight loss, or overeating?		~	1	
5. Feeling tired, or having little energy?			~	
Feeling bad about yourself – or feeling that you are a failure, or that you have let yourself or your family down?		~		
 Trouble concentrating on things like school work, reading, or watching TV? 			\checkmark	
 Moving or speaking so slowly that other people could have noticed? Or the opposite – being so fidgety or restless that you were moving around a lot more than usual? 		~		
Thoughts that you would be better off dead, or of hurting yourself in some way?	\checkmark		Carl Contract	
n the <u>past year</u> have you felt depressed or sad most days, e Yes □No you are experiencing any of the problems on this form, how do your work, take care of things at home or get along w □Not difficult at all Ø\$omewhat difficult □	v difficult ha	ive these prob		for you to
as there been a time in the <u>past month</u> when you have ha □Yes ⊠No				ə?
ave you <u>EVER</u> , in your WHOLE LIFE, tried to kill yourself o □Yes 风No				
If you have had thoughts that you would be better off dead is with your Health Care Clinician, go to a hospital emerger			ome way, plea	ise discuss

Case Study #1: 13-year-old Well Child Check

- Discussed resiliency factors and gave the family the Surgeon General's Playbook for Stress Relief during COVID-19
 - Reviewed sleep hygiene
 - Discussed the importance of exercise despite the loss of his team sports
 - Downloaded a meditation app on his phone
 - Referred to a local child psychologist for therapy

CALIFORNIA ALLA Neur Actions Save lives count it en gav	WILL OF CALMON
	on General's Playbook: f during COVID-19

Key Takeaways

- For many of our patients (and peers), COVID-19 and associated public health mitigation efforts might be the most traumatic event in their lives
 - This has been a 'collective societal trauma'
- The resiliency factors and 'stress busting' strategies taught in ACEs Aware training are directly applicable to patients during the pandemic
- It is important to discuss these strategies with <u>every</u> patient, regardless of their ACE score



We CAN reduce the short and long-term effects of the COVID-19 pandemic on our patients.

ACEs Aware is here to help.



Caring for Adults with ACEs – and Now a Pandemic!

Martina Jelley, MD, MSPH, FACP University of Oklahoma School of Community Medicine

Learning about ACEs

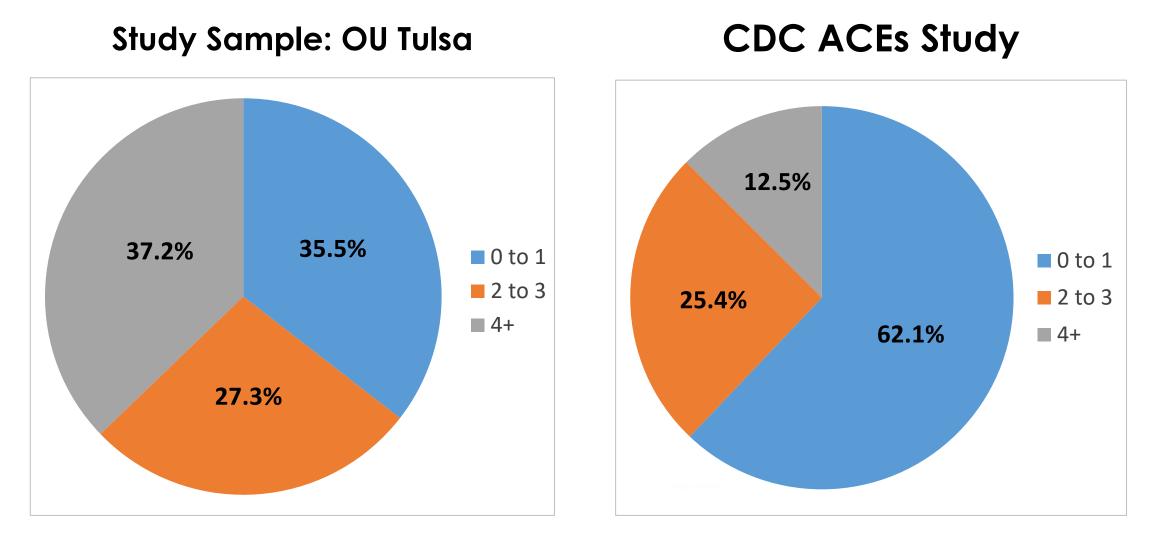
- Classical training in Internal Medicine/Adult Care included very little about childhood events
- ACE study published in 1998
- Exponential growth of interest in ACEs and trauma informed care training and publications
- $_{\odot}\,$ Slow uptake by adult caregivers
- YET...
 - Annals of Internal Medicine has yet to publish any articles on ACEs
 - American College of Physicians annual meeting no sessions on ACEs
 - No formal curriculum in most medical schools

One of our clinic's patients, circa 2007

o Patient

- Female, age 34
- Morbidly obese, BMI 60
- Smoker
- Oxygen-dependent lung disease
- Poorly controlled diabetes
- Social history (verbatim from chart):
 - Married, 3 children ages 8, 13, 15
 - Molested at 8, raped at 13
 - Grew up in home with alcoholism, instability and physical abuse

ACEs Comparison



"...time does not heal some of the adverse experiences we found so common in the childhoods of a large population of middle-aged, middle-class Americans"

Vincent Felitti, MD

Felitti, V. J. (2002). "[The relationship of adverse childhood experiences to adult health: Turning gold into lead]." <u>Z Psychosom Med Psychother</u> 48(4): 359-369. (p. 44)

"Asking...Listening, and Accepting

that patient for who they are...are a powerful form of Doing that confers great relief to patients"

Vincent Felitti, MD

Nazakawa, DJ (2015). Childhood disrupted. NY: Simon & Schuster. (p. 153)

ACE Metaphors/Explanation Tools

• Using metaphors may help explain the effects of ACEs:

- Overloaded pick-up truck or backpack
- Turning up the volume





COVID-19 Is a Significant Stressor for Most Americans



Nearly 8 in 10 (78%) say the coronavirus pandemic is a significant source of stress in their life



Nearly 7 in 10 (67%) say they have experienced increased stress over the course of the pandemic

Childhood Adversity and Perceived Distress from the COVID-19 Pandemic*

- Study of 101 low-income pregnant women in two clinics in Oklahoma
- Survey inquired about health, social, and economic impacts as well as perceived change in stress and well-being attributed to the pandemic (i.e., perceived distress)
- After controlling for demographic characteristics, those who reported more childhood adversity also reported increased stress and poorer mental health due to the pandemic (b = .08; p < .01)
- This effect, however, was fully mediated by self-reported loneliness, suggesting that adverse childhood experiences influence pandemic-related distress due to social isolation



Case Study #2

- 29-year-old woman
- Gained 20 lbs. in last 3 months
- Blood pressure not controlled despite medication
- Complains of worsening insomnia for several months

Case Study #2 – ACEs, Exam & Assessment

ACE Score	3 (possibly more)
Medical History	HTN, anxiety, prediabetes, low back pain
Risks	Single mother of young children, lost job as server with COVID, currently underemployed, no family support, grandmother died of COVID
Strengths	Has plan to complete college degree, church involvement
Assessment	Toxic stress, exacerbated by pandemic, contributing to multiple issues, including HTN, weight gain, insomnia, anxiety, pain

Case Study #2 – Team Care Plan

Assessment	Toxic stress, exacerbated by pandemic, contributing to multiple issues, including HTN, weight gain, insomnia, anxiety, pain
1	Educate on ACEs and brain-body connection, pandemic as trauma, and self-care (mindfulness, exercise, nutrition, sleep hygiene)
2	Connect with social worker in clinic to help with financial resources, childcare, mental health options
3	Warm hand-off to in-house LCSW for counseling
4	Frequent PCP visits to assess progress, reinforce use of stress busters, continued discussion of brain-body connection, monitor health issues



Case Study #3

- 52-year-old woman
- ACE score: 0
- GAD-7 score 15

Case Study #3 – ACEs, Exam & Assessment

ACE Score	0
Medical History	Healthy except intermittent back pain
Symptoms	New complaints of insomnia, headaches, nausea/abdominal pain, weight loss Diagnostic work-up done – etiology of symptoms not found
Risks	Elderly mother in nursing home (unable to visit due to COVID), lost touch with close friends and extended family
Strengths	Highly educated, fully employed, supportive spouse
GAD-7 Score	15

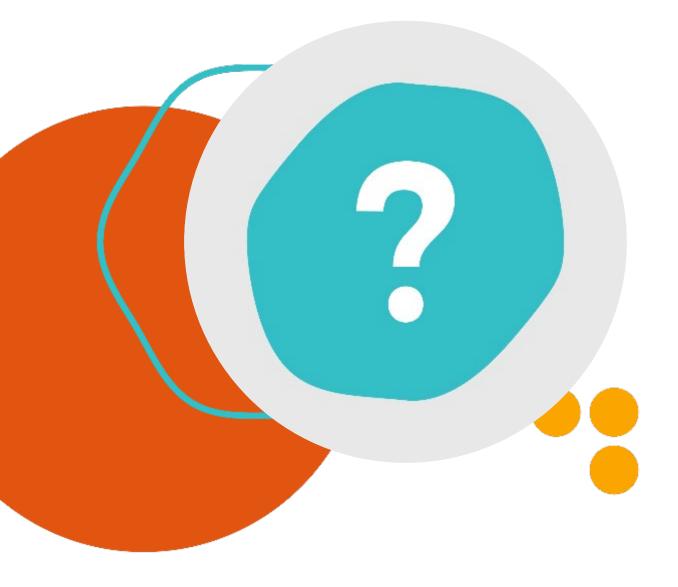
Case Study #3

- $_{\odot}\,$ "Toxic stress" due to COVID
- Can use similar explanation tools as ACEs
- Explain brain-body connection
- Discuss Stress Busters strategies
- Recommend CBT-I app for sleep
- Restart yoga practice
- o Offer counseling options
- Enhance supportive relationships



Key Takeaways

- o ACEs-informed approach should be used with all adult patients
 - Especially those with chronic disease exacerbations, new unexplained symptoms, mental health issues
- Skills and resources learned using ACEs-informed approach can be used with patients affected by any type of toxic stress, including a pandemic
- Ask, Listen, Accept a powerful form of Doing



Audience Questions & Answers

ACEs Aware Provider Training



1. Get trained at www.ACEsAware.org/training

- Free, 2-hour online course that offers CME and MOC credits
- 2. Self-attest to completing the training at <u>www.Medi-</u> Cal.ca.gov/TSTA/TSTAattest.aspx
- List of Medi-Cal provider types eligible to receive payment at <u>www.ACEsAware.org/eligible-</u> providers/
- 3. Be part of the ACEs Aware Provider Directory at

www.acesaware.org/provider-directory







Heal Q Screen Treat GET TRAINED COVID-19 & Stress Educational Events **ACE** Resources Provider Toolkit While approaches for responding t ACEs Aware Grants Conditions, and toxic stress may dihity, ACEs Aware is aggregating and sha , and ACE Resources experiences that will unite us to ad Ξs and toxic stress.

Visit <u>Advanced Search</u> to filter the resources and search by keyword.

<u>Get Updates from ACEs Aware ></u>

Resources by Type

Clinical Resources for Adult Providers	Clinical Resources for Pediatric Providers	Patient/Family Education Handouts
Organizational Toolkits	Policy, Research and Advocacy Briefs	
Resources by Topic	C	

Science of Toxic Stress	Trauma-Informed Systems	Screening & Clinical Response
Resilience-Building Interventions	Self-Care Tools	

Upcoming Webinars

Register for Webinars and Find Webinar Recordings at:

www.ACEsAware.org/educational-events





Questions? Contact Us



Info@ACEsAware.org

f 🞯 in 🎔 D