WELCOME: TOXIC STRESS/ACEs

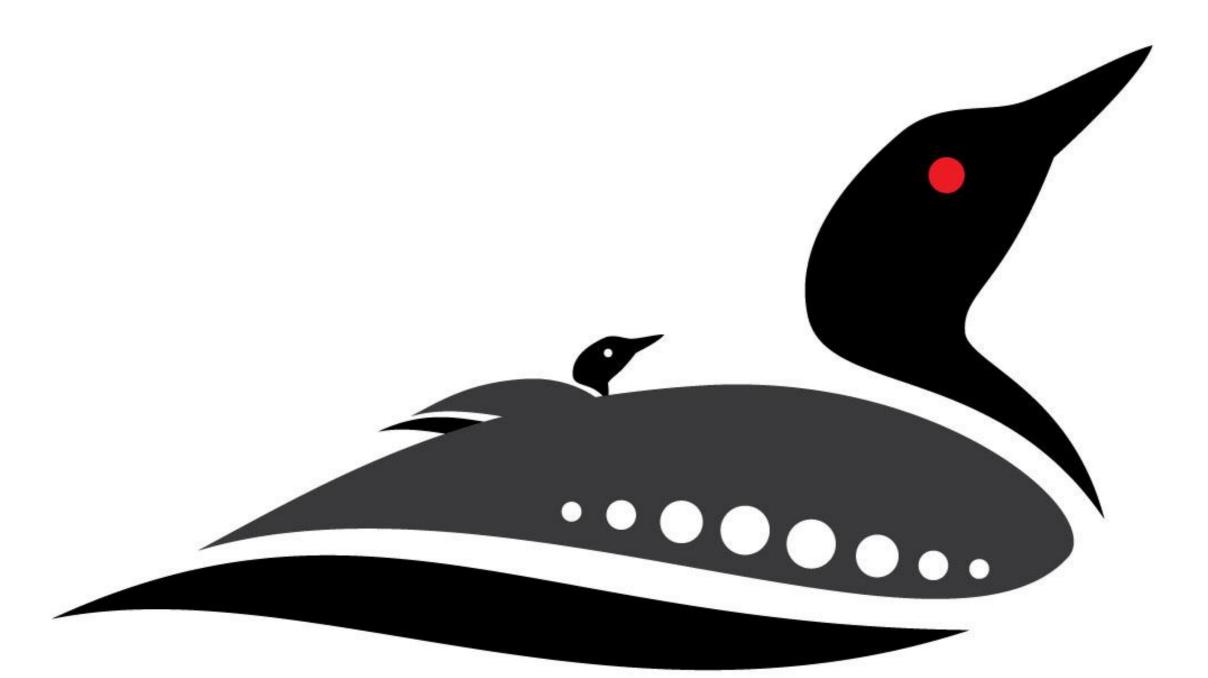
John Lorenz, PhD Mark Rains, PhD Facilitator: Sue Mackey Andrews



AMERICAN ACADEMY OF PEDIATRICS, MAINE CHAPTER SPRING CONFERENCE

On the Path of Well-Being: Adversity, Poverty and Resilience

May 1-3, 2015



Maine Resilience Building Network





Welcome to the Maine Resilience Building Network



Maine Resilience Building Network

Join the Conversation



Join today! How can you build resilience in your community?

WHAT ARE ACES?

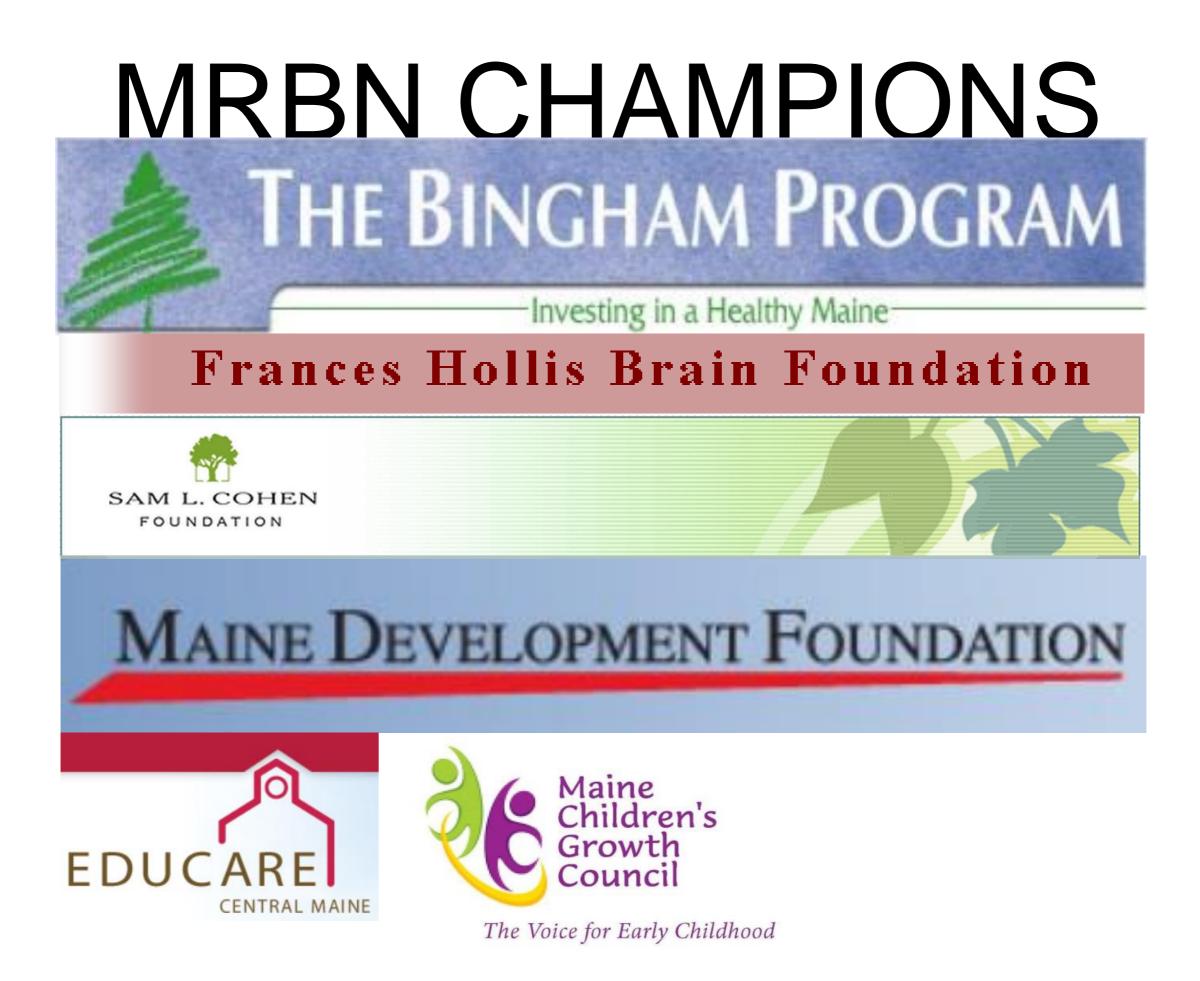
ACE Study

Start a conversation. Adverse Childhood Experiences (ACEs)

The Maine Resilience Building Network

Here you will find Information about the Adverse Childhood Experiences (ACEs) study and learn more about resilience.

VISIT US AT: http://maineaces.org/





To promote resilience in all people by increasing and improving our understanding of traumas and stressors such as Adverse Childhood Experiences (ACEs), as well as protective factors and why they matter.

We aim for a comprehensive, systematic approach to fostering education, awareness and action. We strive to assure that conversations are safe, productive and impactful.



- ACEs and Resilience Presentations/Professional Development Workshops ranging from Grand Rounds (45 minutes) to 6.5 hour Intensives
 - Moving to CEU/CME credited opportunities
- On-site, phone and e-mail Technical Assistance to support ACEs-related initiatives, resilience promotion, teaming, etc.
- Bi-weekly Resources and Good Reads
- Facilitated access to national resources, in-state opportunities and partners
- Quarterly MRBN Meetings 5th Thursday of the month (when that occurs), usually held in Waterville 9:00 a.m. 1:30 p.m.
 - Professional Development presentation
 - MRBN Updates, committee work and relevant information to our work
 - Networking with others from across the state



Outreach/Engagement Efforts (as of 12/31/14)

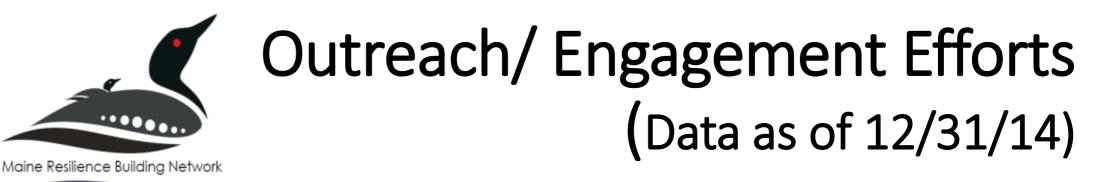
Site Engagement/Outreach/Training Sessions (N=152)

- 2012 32 sessions conducted (8 months)
- 2013 84 sessions conducted (12 months)
- 2014 36 sessions conducted (12 months)
- Technical Assistance Sessions (new in 2014) (N=34)
 - 2014 34 sessions conducted

Research Collaboration

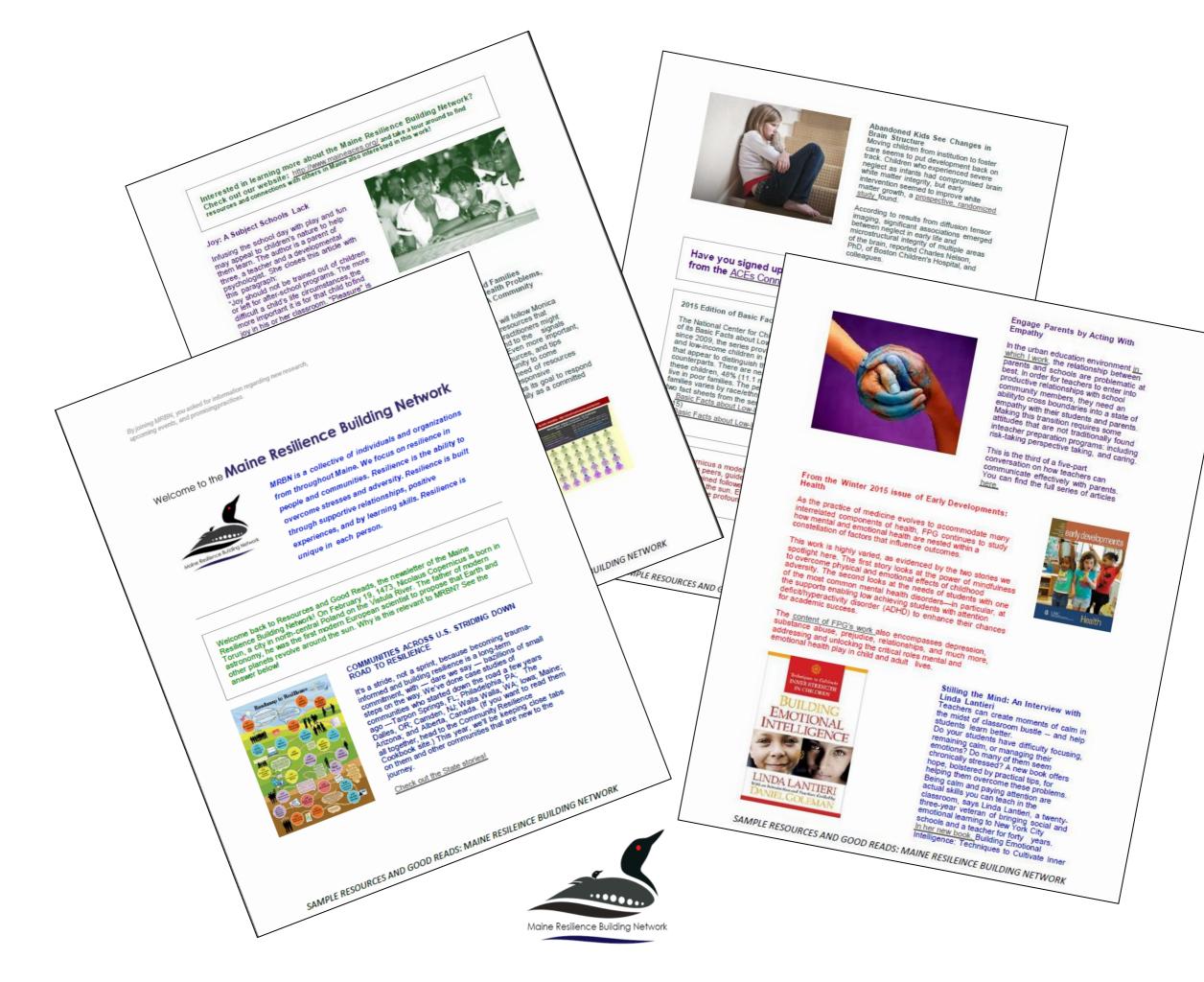
- Muskie School of Public Service
- UMaine School of Social Work (Public School Survey)
- Husson University (2014 Maine ACEs Survey student support)
- National Consultation/Collaboration

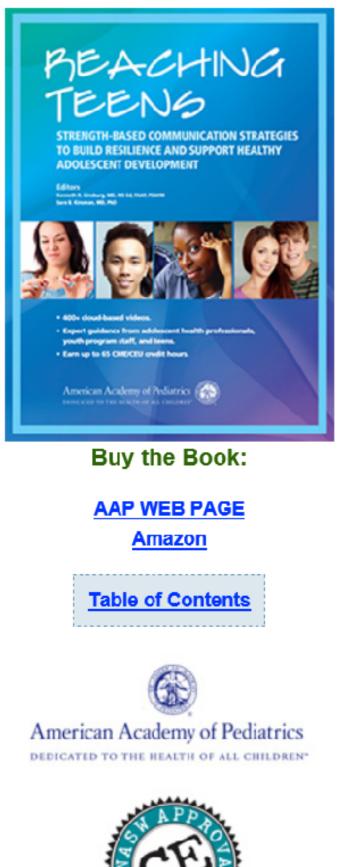
5,347 Participants across all efforts 2012-2014



• ACEs Summits (N=14)

- 2013 (First ACEs Summit held in Auburn sponsored by CCCYF-TF; became the template for future MRBN sponsored/led Summits (April 12, 2013)
 - 6 ACEs Summits conducted over the remaining 8 months
- **2014** 12 months
 - Seven (7) ACEs Summits conducted
- "Bring It On" (BIO) Skill Building Sessions (N=6)
 - **2014** 12 months
 - First scheduled for June 12, 2014 sponsored by the Penquis District Health Coordinating Council in Bangor/Brewer area
 - Five (5) "Bring It On" sessions delivered





Telling young people what not to do makes them aware of problems, but does little to create change. In fact, it engenders shame and can therefore backfire. An approach that addresses risk by building on the strengths of youth promotes positive changes by building young people's confidence and helping them understand how much they matters. Youth who understand that others expect the best from them gain self-worth and are poised to *THRIVE*.

Reaching Teens:

- Is a comprehensive body of work that prepares professionals TO APPLY the principles of positive youth development and resilience to guide youth towards healthy behaviors and wise decisions.
- Is theoretically-rooted and evidence-informed. It is guided by experts with decades of youthserving experience and infused with the voice of teens.
- Has 69 chapters which offer strength-based, trauma-informed communication strategies on building trustworthy relationships, working with parents, addressing stress and its behavioral and mental health outcomes, and approaching specific "risk behaviors." Concluding chapters address professional longevity, offer strategies to stem burnout, and prepare us to serve over a lifetime.
- Includes 445 cloud-based films that share professional and youth wisdom and offer demonstrations of key concepts.
- · Offers health professionals 65 CME hours from The American Academy of Pediatrics.
- Offers youth serving professionals 65 credits from the National Board of Certified Counselors and 60 CEU hours from The National Association of Social Workers.
- Offers suggested group learning and discussion strategies in each chapter because learning is best reinforced in the setting it is to be applied.

This body of work has been thoughtfully priced so that it can be accessible to all youth serving professionals and agencies.

Contact the American Academy of Pediatrics at <u>aapsales@aap.org</u> to explore multiple electronic copies or licensing the product for your institution.

Three Levels of Stress



(Examples: Starting a new school, getting a vaccination)

Positive

Brief increases in heart rate, mild elevations in stress hormone levels.



(Examples: Frightening injury, natural disaster)

Tolerable

Serious, temporary stress responses, buffered by protective relationships.



(Examples: Exposure to violence, physical or emotional abuse or neglect, caregiver substance abuse or mental illness)

Toxic

Serious, prolonged elevated stress responses, in the absence of protective relationships.



http://developingchild.harvard.edu/resources/multimedia/videos/inbrief_series/in brief_impact_of_adversity/ http://developingchild.harvard.edu/topics/science_of_early_childhood/toxic_stres s_response/

Ten Adverse Childhood Experiences (ACEs)(<age 18)



Abuse

- Physical Abuse
- Sexual Abuse
- Psychological Abuse

Household Trauma

- Repeated losses of caregivers
- Domestic violence
- Family member incarcerated
- Witness to parental abuse
- Familial substance abuse or mental illness

Neglect

- Physical neglect
- Emotional neglect

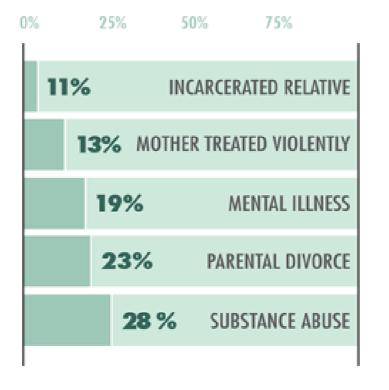




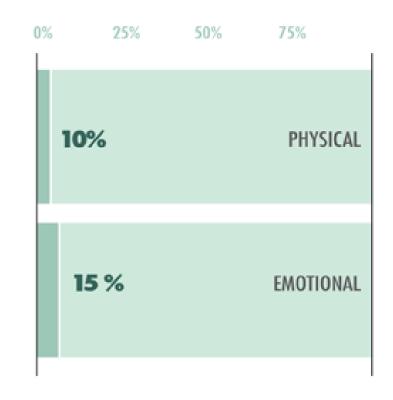
ABUSE

0%		25%	50%	75%	
	119	%	EN	IOTIONAL AB	USE
		21%		SEXUAL AB	USE
		28 %	6	PHYSICAL AB	USE

FAMILY DYSFUNCTION



NEGLECT



http://vetoviolence.cdc.gov/childmaltreatment/phl/resource_center_infographic.html

ACEs Are Universal





- Equal Opportunity Experience
 - Crosses all economic groups
- ACEs like company
 - If any one ACE is present, there is an 87% chance at least one other ACE category is present, and a 50% chance of 3 others
 - Women are 50% more likely than men to have an ACEs score >5

Measuring ACEs: Two Important Points



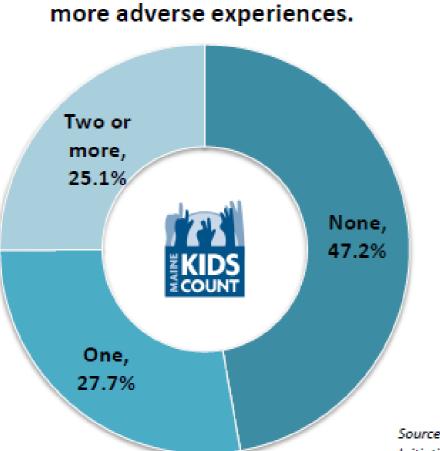
- Volume
- Velocity
- Redundancy

092	Finding Your / 2406RA4CR	ACE Score
Wh	ile you were growing up, during your first 18 years	s of life:
1.	Did a parent or other adult in the household often or Swear at you, insuit you, put you down, or humiliate y or	
	Act in a way that made you afraid that you might be p	hysically hurt?
	Yes No	If yes enter 1
2.	Did a parent or other adult in the household often or Push, grab, slap, or throw something at you?	very often
	OF Ever bit you co bard that you had marks or your joky	
	Ever hit you so hard that you had marks or were injur Yes No	If yes enter 1
3.	Did an adult or person at least 5 years older than you Touch or fondle you or have you touch their body in a or	
	Attempt or actually have oral, anal, or vaginal interco	urse with you?
	Yes No	If yes enter 1
	Did you offen er your offen feel itel	
•.	Did you often or very often feel that No one in your family loved you or thought you were i or	important or special?
	Your family didn't look out for each other, feel close to Yes No	o each other, or support each other? If yes enter 1
5.	Did you often or very often feel that You didn't have enough to eat, had to wear dirty cloth	es, and had no one to protect you?
	or Your parents were too drunk or high to take care of y	ou or take you to the doctor if you needed it?
	Yes No	If yes enter 1
5.	Were your parents ever separated or divorced?	
	Yes No	If yes enter 1
,	Was your mother or stepmother:	
	Often or very often pushed, grabbed, slapped, or ha	id something thrown at her?
	Sometimes, often, or very often kicked, bitten, hit w or	-
	Ever repeatedly hit at least a few minutes or threaten Yes No	ed with a gun or knife? If yes enter 1
	160 100	in yea enter i
8.	Did you live with anyone who was a problem drinker of Yes No	or alcoholic or who used street drugs? If yes enter 1
	Was a household member depressed or mentally III,	or did a household member attempt suicide?
9.	Yes No	If yes enter 1
9.		
	Did a household member as to origon?	
	Did a household member go to prison? Yes No	If yes enter 1

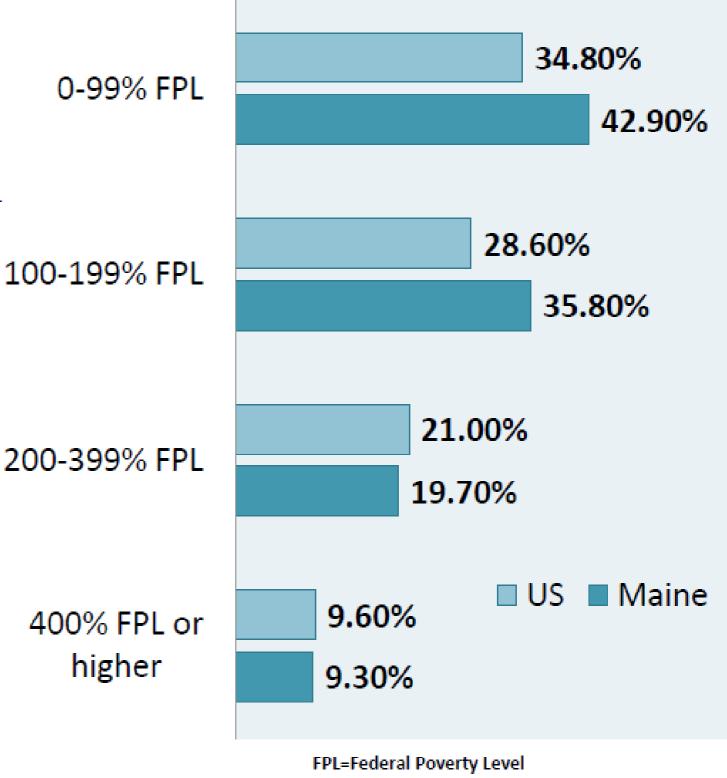
Almost 53% of Maine children have experienced at least one of the following adverse experiences:

- socioeconomic hardship
- divorce/separation of parent
- death of parent
- parent served time in jail
- witness to domestic violence
- victim of neighborhood violence
- lived with someone who was mentally ill or suicidal
- lived with someone with alcohol/drug problem
- treated or judged unfairly due to race/ethnicity.

One in four Maine children have had two or

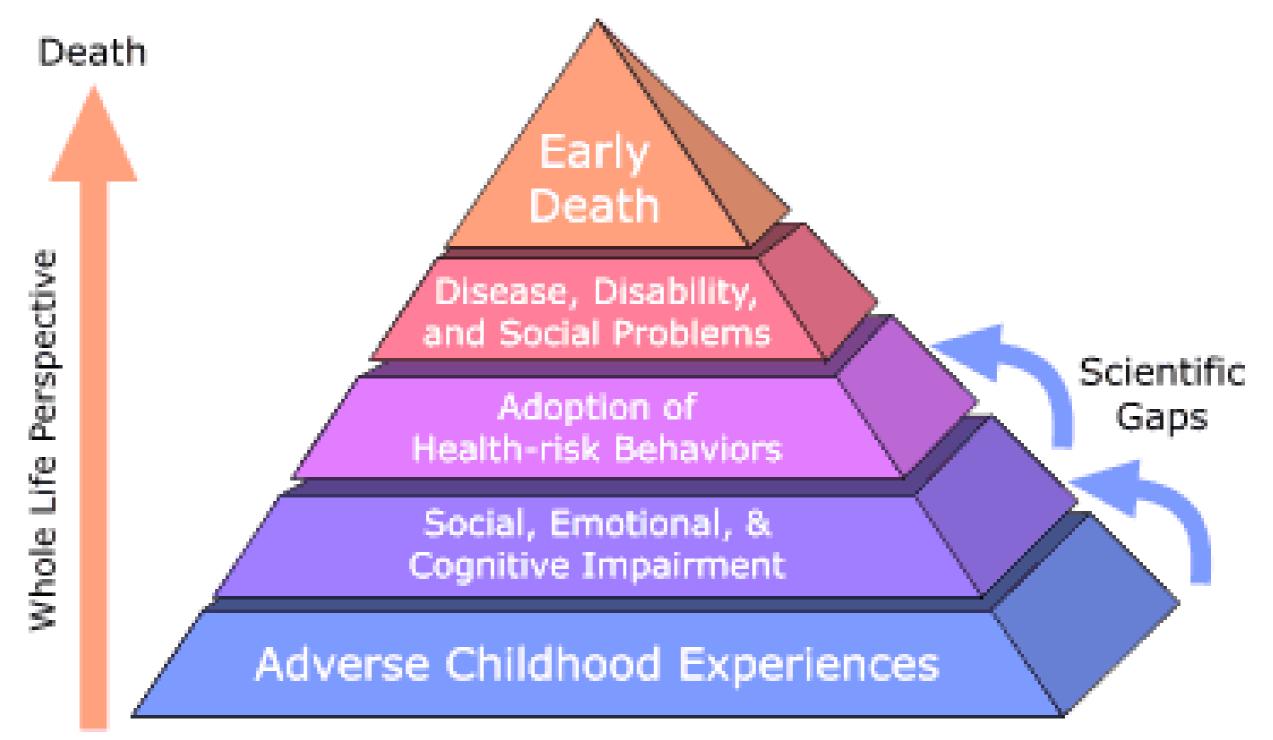


Children in Maine & US with two or more adverse experiences by family income level



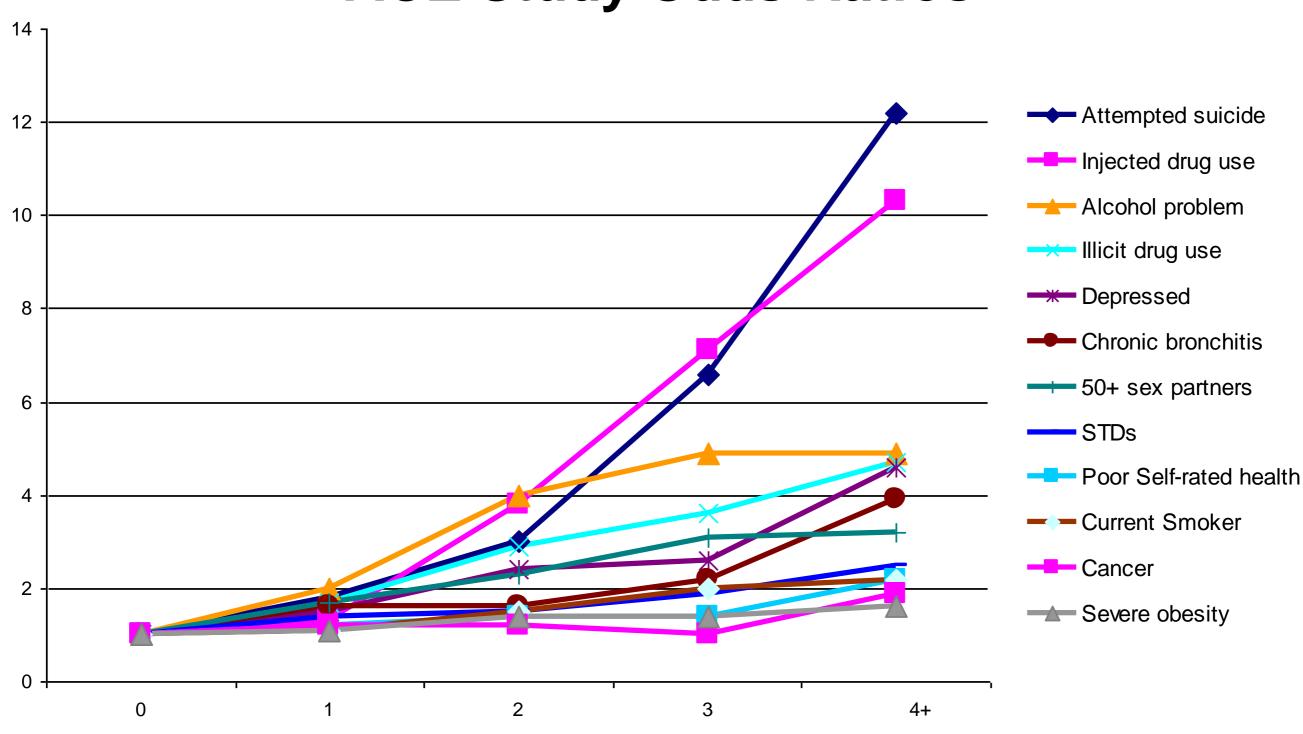
In 2012, the FPL for a family of 4 (2 adults/ 2 children) was \$23,383.

Source: National Survey of Children's Health. NSCH 2011/12. Data query from the Child and Adolescent Health Measurement Initiative, Data Resource Center for Child and Adolescent Health website. Retrieved [03/26/2013] from www.childhealthdata.org.



Conception

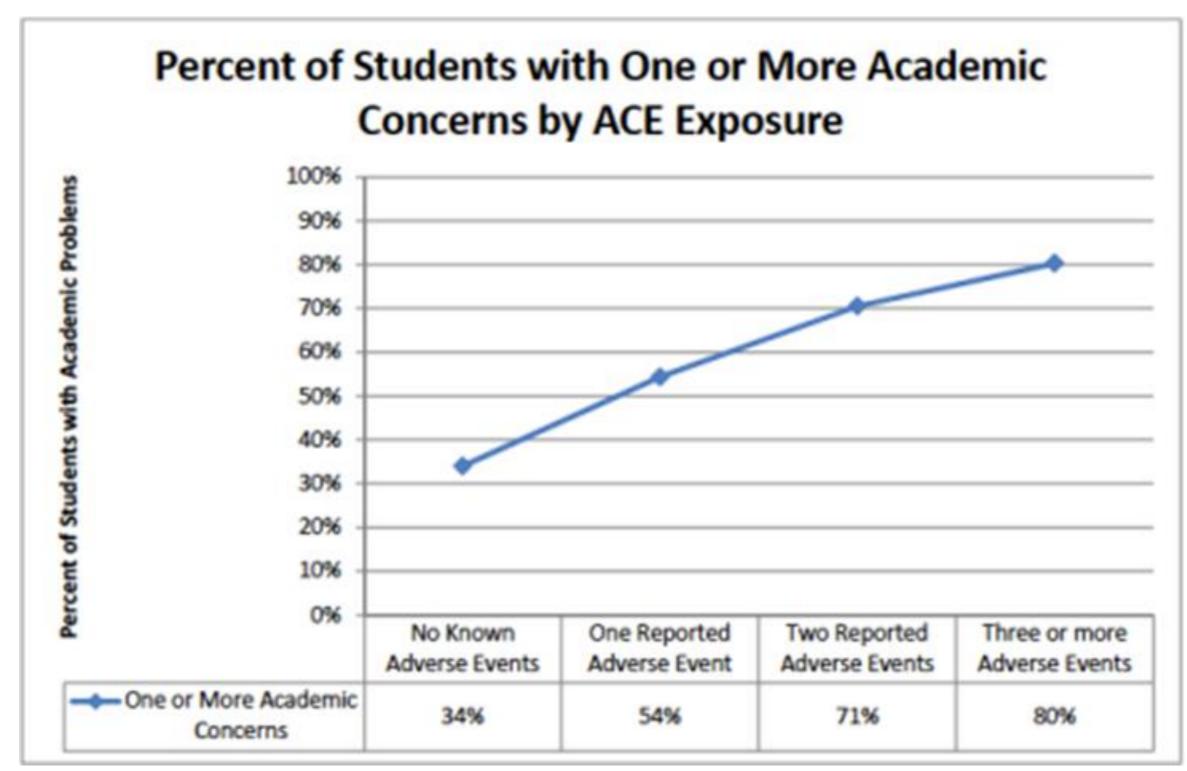
Cumulative ACEs increase the risk of negative outcomes:



ACE Study Odds Ratios

Number of ACEs

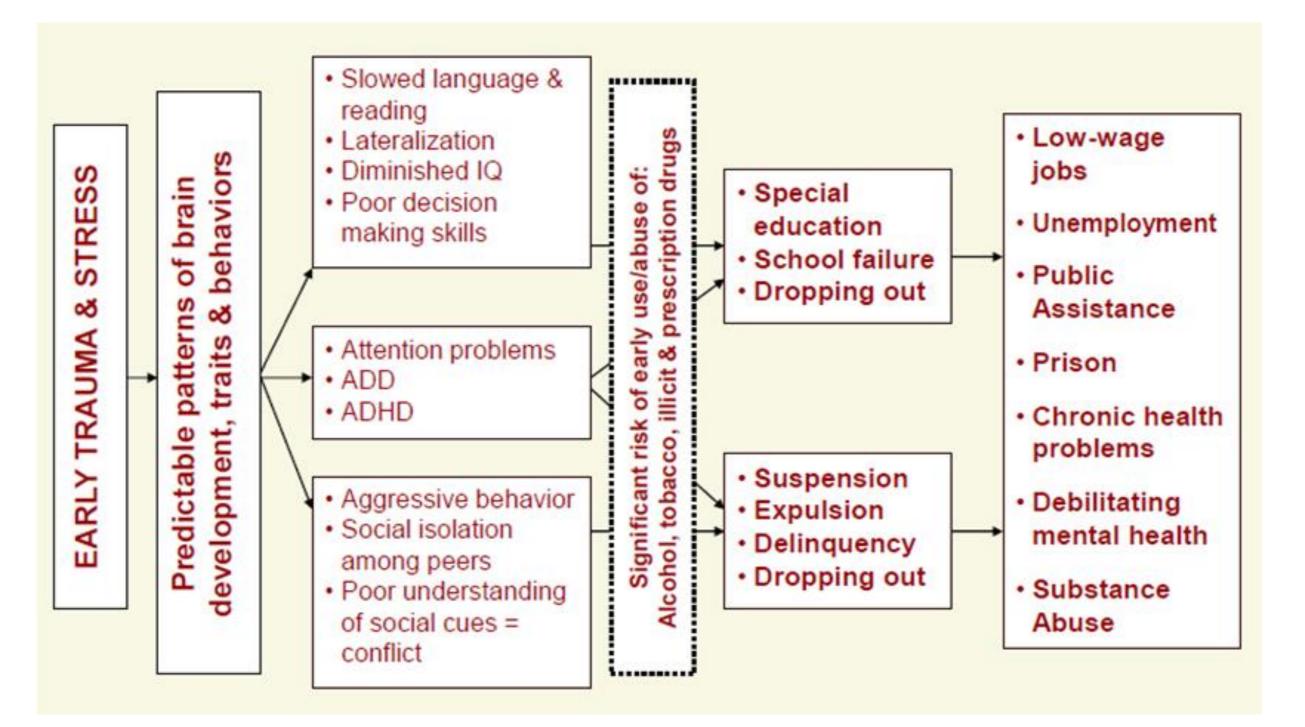
ACEs and Academics



Susan Savell, Spurwink Services

ACEs: The Fast Track to Poverty





Why is This Important?

Because ACEs are:

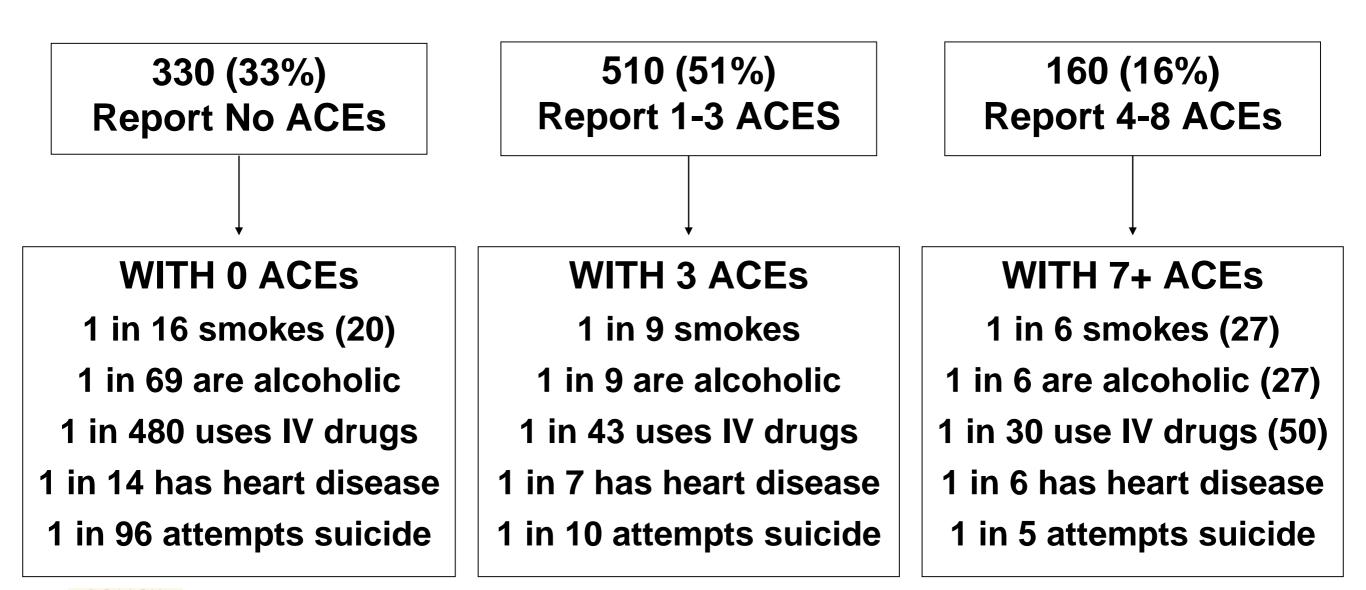
- Surprisingly common
- Often the basis for many common public health problems
- Strong predictors of later social functioning, well-being, health risks, disease and early death
- Costly to society in financial and HUMAN terms



This combination of findings makes ACEs one of the leading, if not THE leading determinant of the health and social well-being of our nation. **Centers for Disease** Control (CDC)



PROBABILITY OF SAMPLE OUTCOMES GIVEN 1,000 AMERICAN ADULTS







So, what makes the difference?

- Not everyone with ACEs experiences negative outcomes
- Would/could we prevent bad things from happening in the first place?
- Bothered vs. Not Bothered?
- Role of resilience in becoming "not bothered"





Definition of Resilience

Resilience is the ability to work with adversity in such a way that one comes through it unharmed or even better for the experience. Resilience means facing *life's difficulties with courage and patience – refusing to give up. It is the quality* of character that allows a person or group of people to rebound from misfortune, hardships and traumas. **Resilience is rooted in a tenacity of spirit** a determination to embrace all that makes life worth living even in the face of overwhelming odds. *Much of our resilience comes from community* from the relationships that allow us to lean on each other for support when we need it.

VIGNETTE – PART 1

Mary had called with a request for ADHD medication for her four year old son, Jimmy, because his preschool had been sending notes home about his rough, reckless and sometimes dangerous behavior. Recently, there was warning that he might be unable to continue there if his behavior didn't improve. She arrived with Jimmy and her 18 month old daughter, Rinnai, who was fussy and clingy and a distraction to Mary's attention to doctor and Jimmy. Mary apologized that she hadn't been able to find anyone to babysit Rinnai and she had thought it would have worked to bring her because, usually, Rinnai was very quiet and easy to manage. Past history and the two previous well-child visits since Mary transferred to the practice had been unremarkable.

Next Steps?

"Surveillance" suggests...?

Next steps clinically?

 Question? "Have there been any stressful events, since the last visit?"

VIGNETTE – PART 2

 Mary reported that she and her husband had separated Weeks ago. Jimmy was asking about him and complaining that daddy's rules weren't as mean as hers. Rinnai seemed less withdrawn, but this was a challenge to respond to in the midst of chaos. Bedtime routine had been upset because Mary worked into the evening waitressing and dad was no longer available to put kids to bed. They usually went to her mother's home to sleep and Mary picked them up in the morning. Dad was going to court to seek visitation.

Next Steps...

- Screening for cumulative risk (other stresses beyond separation?)
- Screening for protective factors
- Using screening to plan next steps, e.g.; Developmental guidance, motivational interviewing re: goals and planning, specific skill building, referral for onsite or offsite behavioral health,
- Support for protective factors, recommendations, referrals

Cumulative Risk

- Screening for exposure to adversity indicated that in addition to parents' separation, the children had experienced father physically assaulting mother, alcohol abuse by both parents, and a two month incarceration of father for one of the domestic violence incidences.
- Following up how this may have affected the children. Mary described Rinnai as tending to "freeze" when parent conflict escalated, alert and watchful but very passive and unresponsive. This occurred less frequently since separation, but she was more clingy and seemed to have regressed in independence and language.
- Jimmy had become much more demanding and aggressive in his father's absence. Both children were more difficult to get to sleep and average two hours of sleep less than before,

Protective Factors / Resilience

- Social supports (no longer has support from in-laws for child care) hasn't made new friends outside of work or connected with other parents.
- Access to services. Unsure how to manage court and visitation issues. Good relations with child care services have been strained by Jimmy's behavior. Keeping up with well child care.
- Skills / knowledge re child needs (relate to understanding of KidsFirst recommendations, maintaining a familiar routine, soothing child stress, etc.)
- Parental resilience (ACE score of 6 and 3 still bother/ 3 have been mastered, coping skills, complicating factors with DV triggering memories from childhood, etc.)
- Child resilience factors. Like books, Jimmy enjoys school and had done well in past.

Health Care Issues

- How to introduce questions regarding stresses?
- Steps in responding to ADHD medication request
- Impact of sleep deprivation and hygiene
- Sympathetic / parasympathetic responses
- Primary care in relation to other systems, education, court, community and family resources, etc.
- Etc.