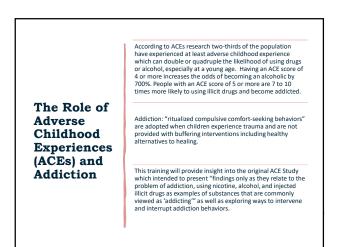
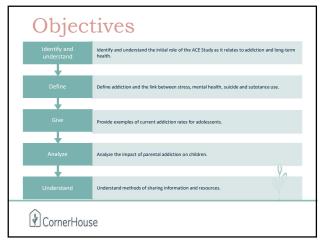
The Role of Adverse Childhood Experiences (ACEs) and Addiction

1



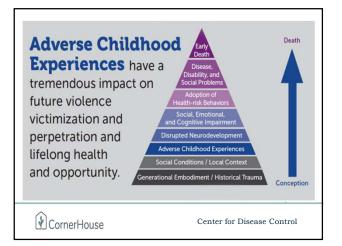
2



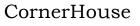


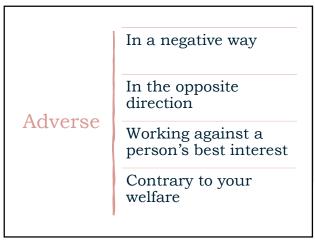


ACE Category		Women (N=9,367)	Men (N=7,970)	Total (N=17,337)
Abuse				
	Emotional Abuse	13.1	7.6	10.6
	Physical Abuse	27.0	29.9	28.3
	Sexual Abuse	24.7	16.0	20.7
Neglect				
	Emotional Neglect	16.7	12.4	14.8
	Physical Neglect	9.2	10.7	9.9
Household				
Dysfunction				
	Mother Treated Violently	13.7	11.5	12.7
	Household Substance Abuse	29.5	23.8	26.9
	Household Mental Illness	23.3	14.8	19.4
	Parental Separation or Divorce	24.5	21.8	23.3
	Incarcerated Household Member	5.2	4.1	4.7

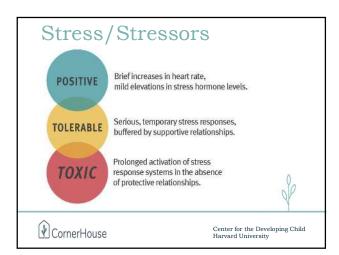




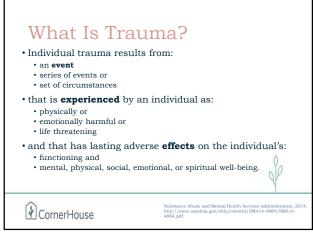






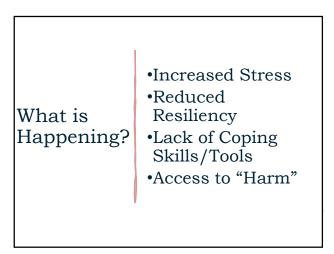












11

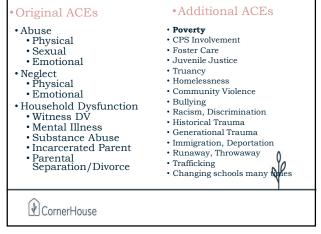


- •Domestic Violence
- •Child Abuse
- •Parental Separation (Isolation)

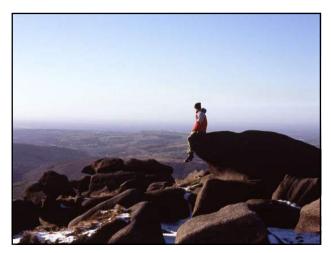
P

- •Death
- •Substance Use/Abuse
- •Mental Health Concerns

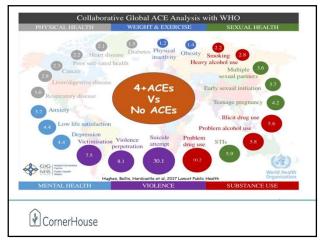
CornerHouse



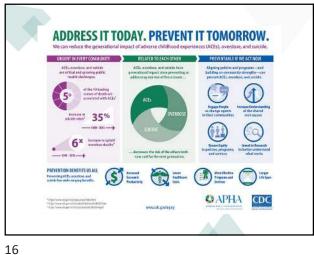




14

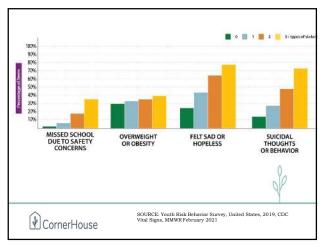




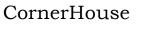


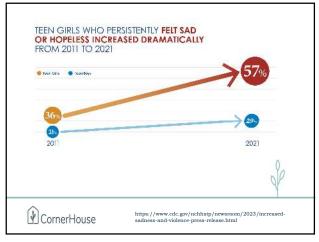




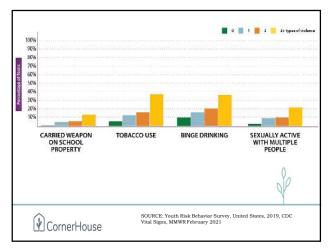












20

The Origins of Addiction Evidence from the Adverse Childhood Experiences Study Dr. Vincent Felitti 2003

Purpose:

My intent is to challenge the usual concept of addiction with new evidence from a population-based clinical study of over 17,000 adult, middle-class Americans. The usual concept of addiction essentially states that the compulsive use of 'addictive' substances is in some way caused by properties intrinsic to their molecular structure. This view confuses mechanism with cause. Because any accepted explanation of addiction has social, medical, therapeutic, and legal implications, the way one understands addiction is important. Confusing mechanism with basic cause quickly leads one down a path that is misleading. Here, new data is presented to stimulate rethinking the basis of addiction.

The Origins of Addiction Evidence from the Adverse Childhood Experiences Study Dr. Vincent Felitti 2003 addicting, or do life experiences actually determine its compulsive use? Surely its chemical structure remains constant. Our findings indicate that the major factor

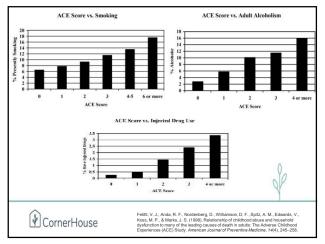
underlying addiction is adverse childhood experiences that have not healed with time and that are overwhelmingly concealed from awareness by shame, secrecy, and social taboo. The compulsive user appears to be one who, not having other resolutions available, unconsciously seeks relief by using materials with known psychoactive benefit, accepting the known long-term risk of injecting illicit, impure chemicals. The ACE Study provides population-based clinical evidence that unrecognized adverse childhood experiences are a major, if not the major, determinant of who turns to psychoactive materials and becomes 'addicted'.

4/02/Felitti-VJ-Origins-of-Addiction-Evidence-fr-ACE-Study-2003.pdf

CornerHouse

22

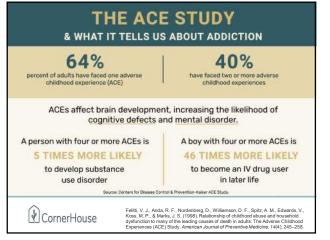
Probability of Outcome 100 Adults	• Central Iowa AC	al Iowa ACEs 360, 2016	
33 No ACEs	51 1-3 ACEs	16 4-8 ACEs	
1 in 16 smokes	1 in 9 smokes	1 in 6 smokes	
1 in 69 are alcoholic	1 in 9 are alcoholic	1 in 6 are alcoholic	
1 in 480 use IV drugs	1 in 43 use IV drugs	1 in 30 use IV drugs	
1 in 14 has heart disease	1 in 7 has heart disease	1 in 6 has heart disease	
1 in 96 attempts suicide	1 in 10 attempts suicide	1 in 5 attempts suicide	













25

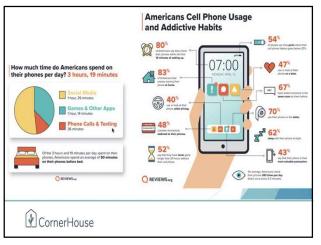


Addiction

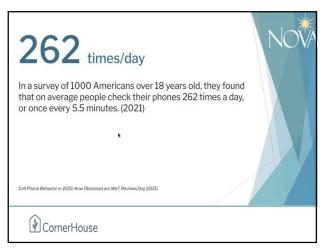
- •**Chemical addiction.** This refers to addiction that involves the use of substances.
- •Behavioral addiction. This refers to addiction that involves compulsive behaviors. These are persistent, repeated behaviors that you carry out even if they don't offer any real benefit.

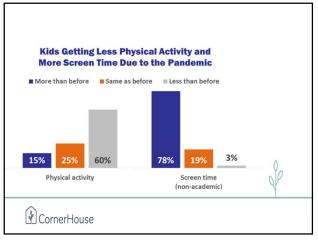
CornerHouse









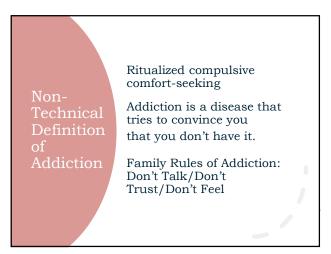


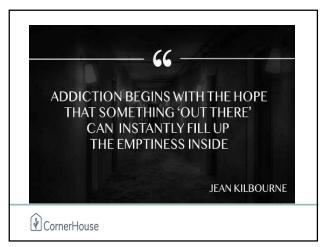


Addiction is a treatable, chronic medical disease involving complex interactions among brain circuits, genetics, the environment, and an individual's life experiences. People with addiction use substances or engage in behaviors that become compulsive and often continue despite harmful consequences.

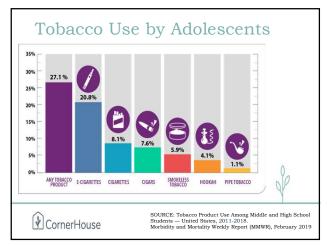
OP

CornerHouse











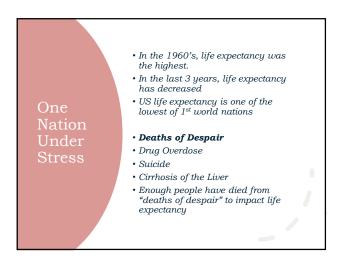






37



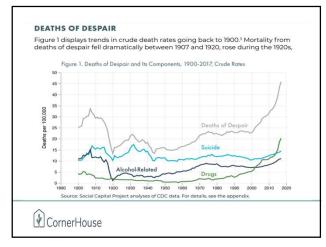




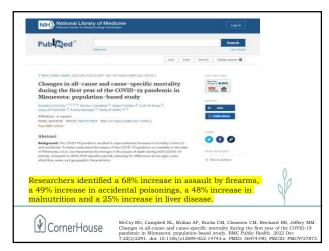
One Nation Under Stress

- 50 deaths per day prescription overdose
- US prescribes more drugs than any other country
- Greensburg, PA/Westmoreland Co:
- Medical examiner 2017 556 deaths/300+ drugs
- Drugs to cope/Don't want to suffer
- "I know I am taking more (pills) than I should. Maybe I should just take them all and go to sleep"
- 2017: More people died by suicide w/handgun than homicides w/handgun

40



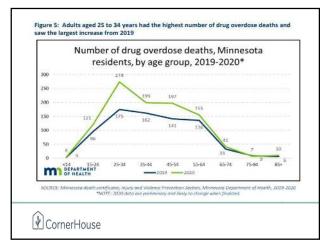
41



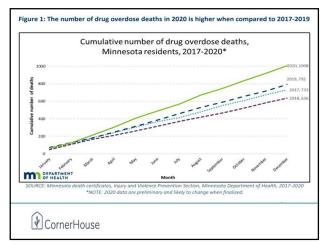






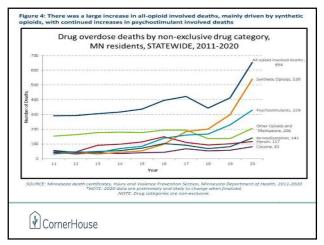




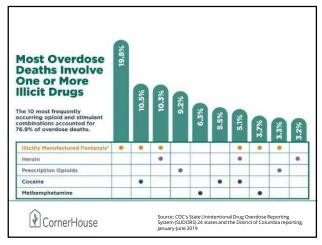




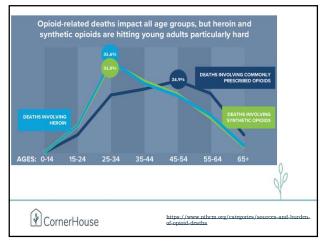






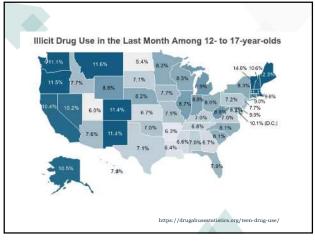


47

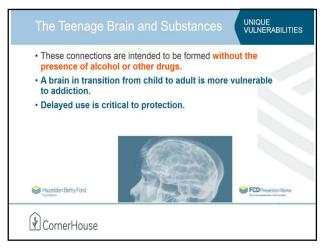


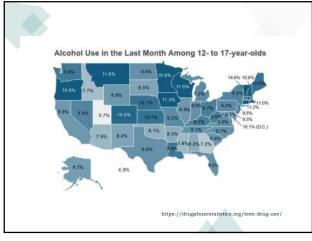




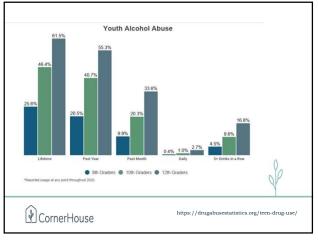




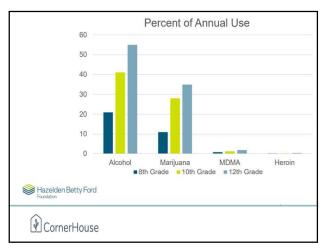


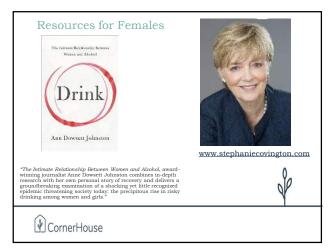




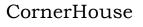


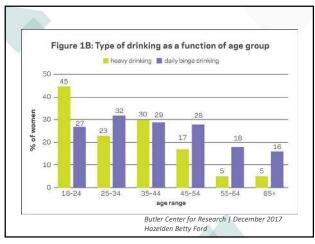




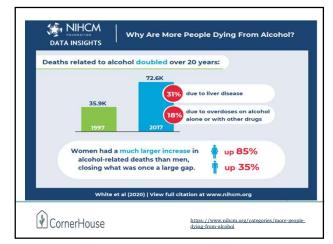




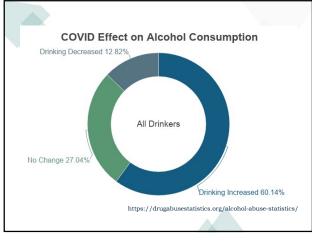






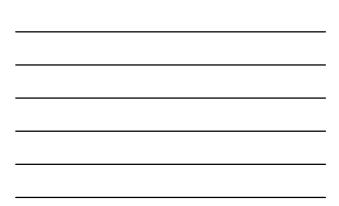


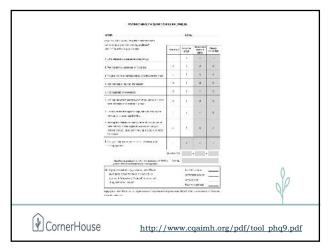


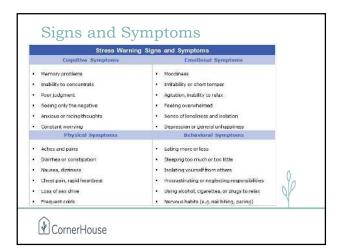




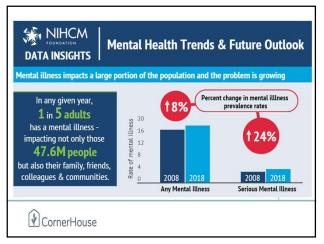




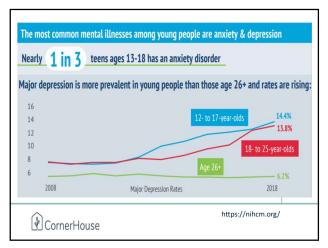




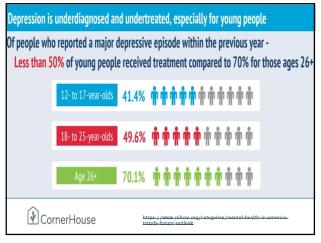




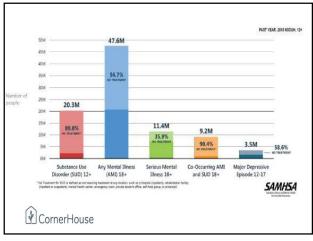




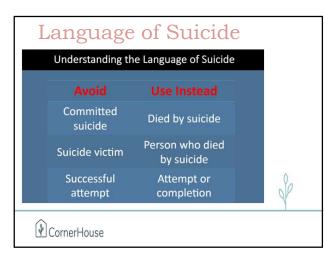


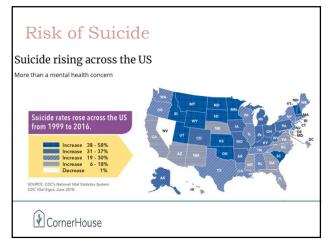


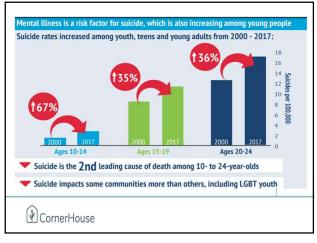




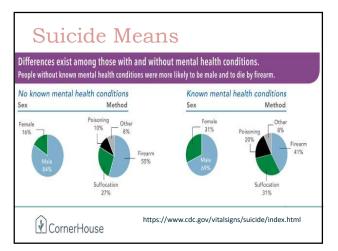


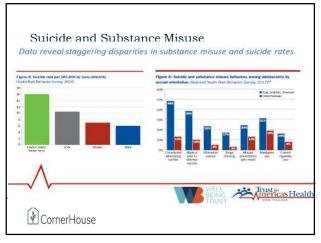








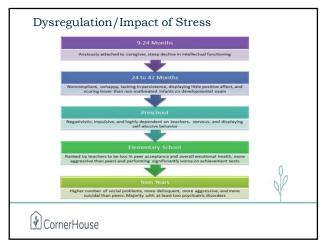


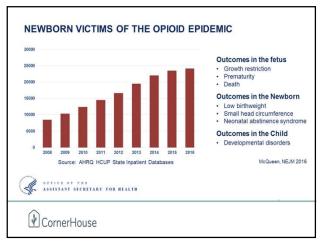




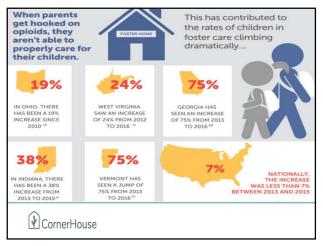






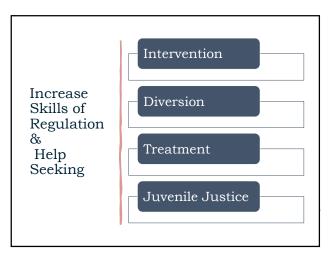


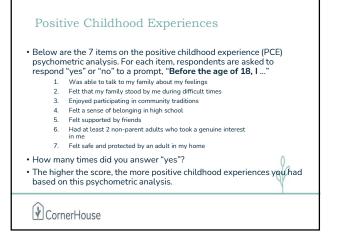


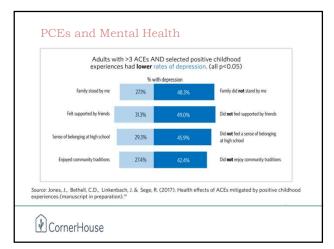


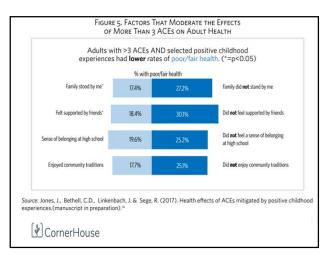




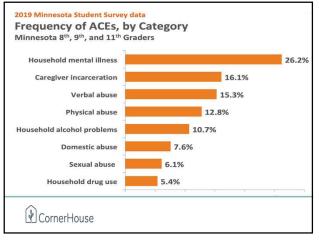




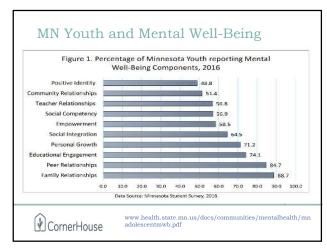




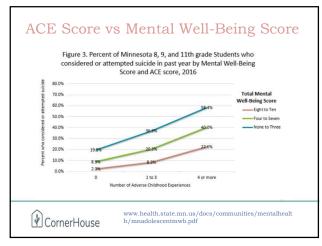






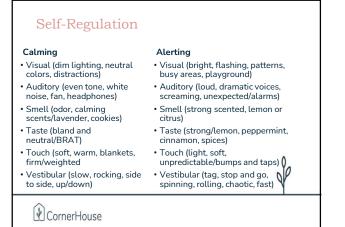






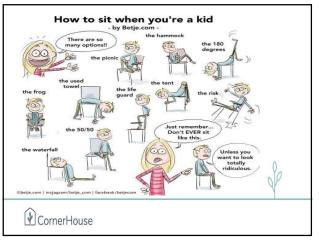


81















Resources Adolescent Substance Use/Abuse

- <u>https://www.samhsa.gov/</u>
- <u>https://www.adolescenthealth.org/Resources/Clini</u> <u>cal-Care-Resources/Substance-Use/Substance-Use-Resources-For-Adolesc.aspx</u>
- <u>https://www.usa.gov/mental-health-substance-abuse</u>
- <u>https://www.cdc.gov/healthyyouth/substance-use/index.htm</u>
- <u>https://teen-safe.org/resources</u>
- <u>https://opa.hhs.gov/adolescent-health/substance-use-adolescence</u>

CornerHouse

86



- <u>https://suicidepreventionlifeline.org/help-yourself/youth/</u>
- <u>https://www.samhsa.gov/childrens-awareness-day/past-events/2019/resources-suicide-prevention</u>
- <u>https://youth.gov/youth-topics/youth-suicide-prevention</u>
- <u>https://dpi.wi.gov/sspw/mental-health/youth-suicide-prevention</u>
- <u>https://www.wishschools.org/resources/suicidepre</u>
 <u>ventionresources.cfm</u>

CornerHouse

The Role of Adverse Childhood Experiences (ACEs) and Addiction

CornerHouse jane@cornerhousemn.org

88