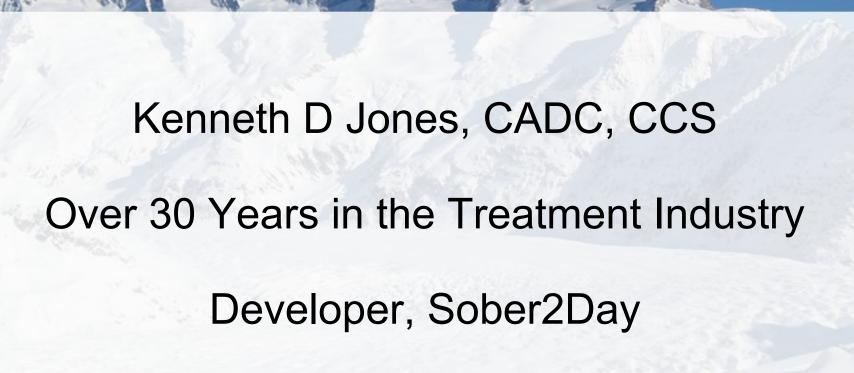
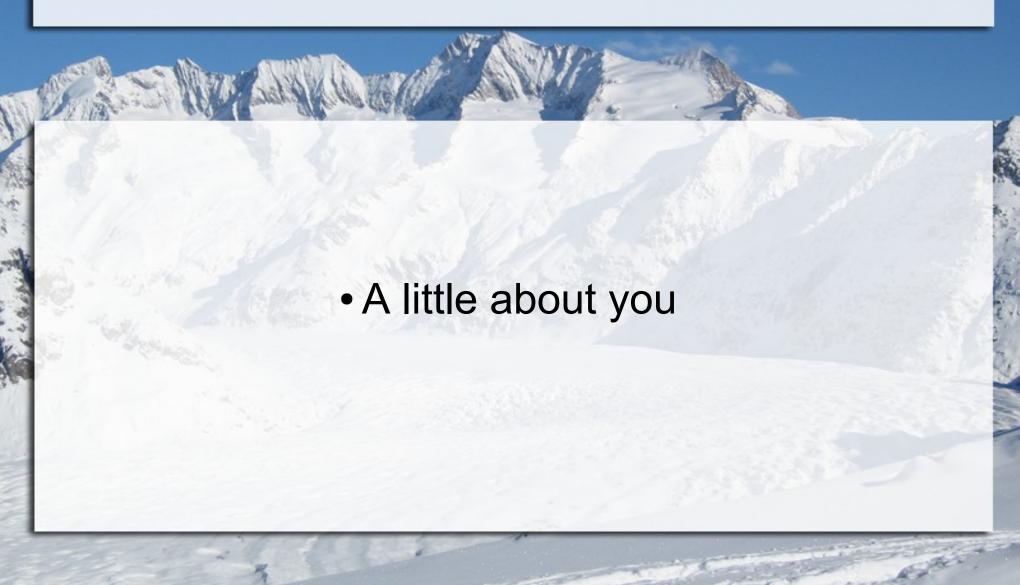
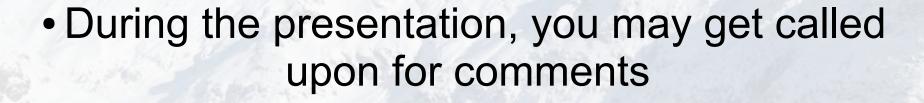
#### Sober2Day https://sober2day.com



## Introductions



#### Housekeeping



 If there are noise distractions, you may be muted by the presenter

## Housekeeping

 We will take breaks periodically, or if participants agree, we may press on

#### Housekeeping

- Your certificate will be sent via email and provided to your referral source if applicable within 24 hours
- A survey link will accompany the certificate your participation in this anonymous survey is GREATLY appreciated.

#### **SET Program Goals**

#### Information We Will Touch On Today

- •DUI information, statistics, and penalties
- DUI impact stories
- Symptoms and Phases of Addiction / Addiction Cycle
- The Definition of Addiction
- Alcohol's Impact on the Brain and Body
- The Family Dynamics of Addiction
- Belief Systems
- Recovery Pathways
- •Q & A

Alcohol is a substance that reduces the function of the brain, impairing thinking, reasoning and muscle coordination. All these abilities are essential to operating a vehicle safely.

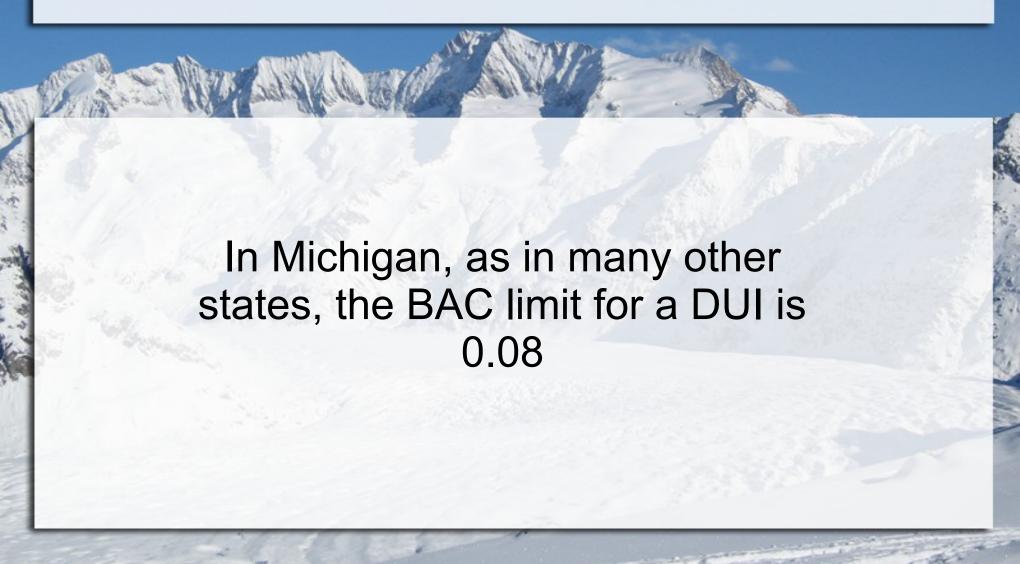
The effects of alcohol are the same whether you drink beer, wine, or whiskey. A 12-ounce can of beer, a 5-ounce glass of wine, and a 1.5-ounce shot of whiskey all contain the same amount of alcohol.

Drink a standard serving of any of these, and the effects will be the same. Your judgment and self-control will be affected.

Even one drink can impair your ability to drive, slow your reaction time, dull your concentration, and cause vision problems.

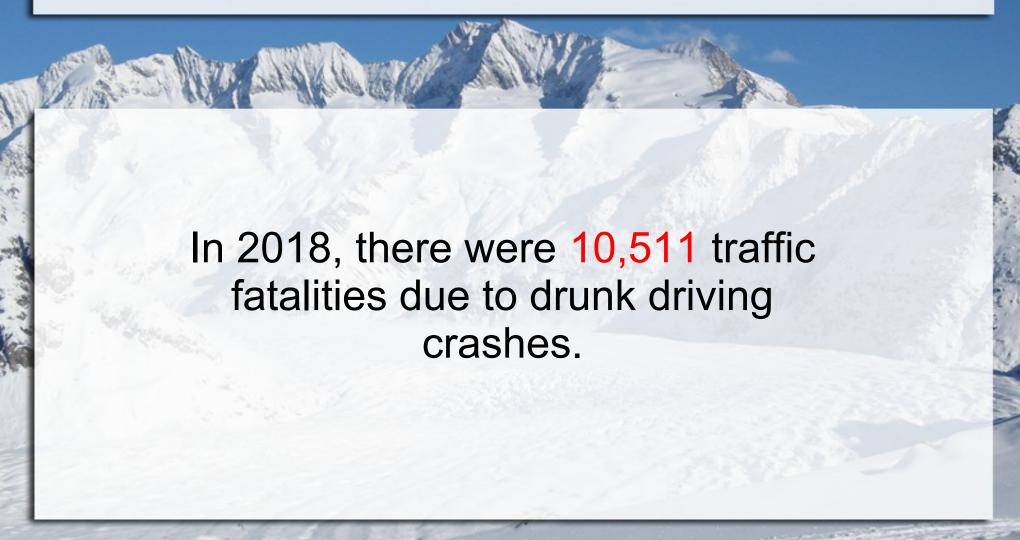
Many people mistakenly believe that coffee, a cold shower, exercise, or fresh air can sober them up. Time is the only thing that sobers you up.

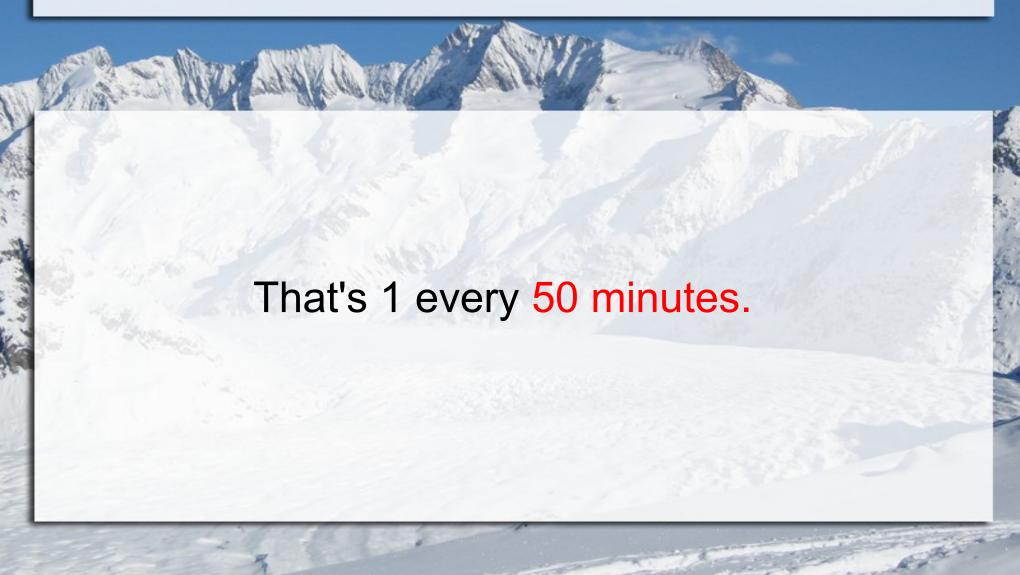
#### LEGAL LIMITS

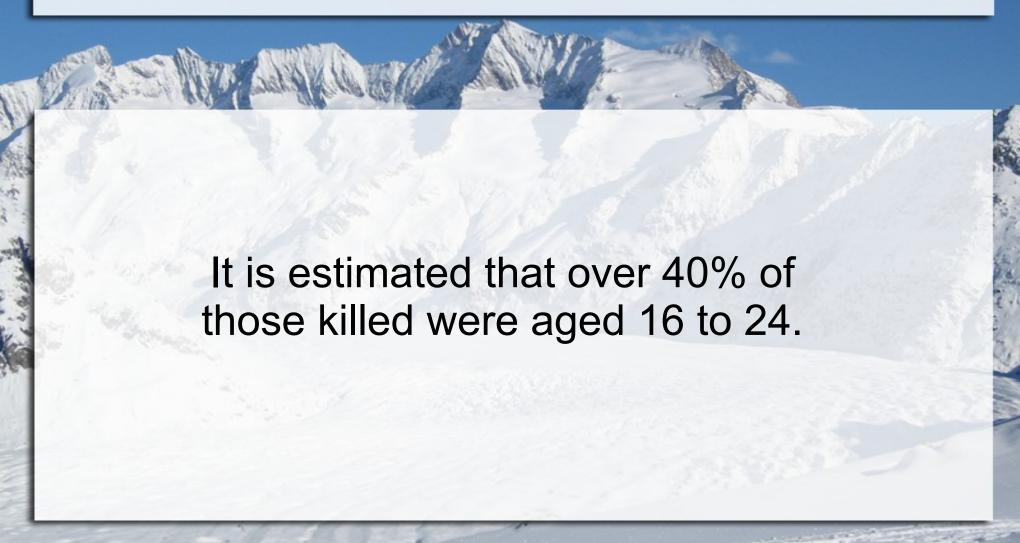


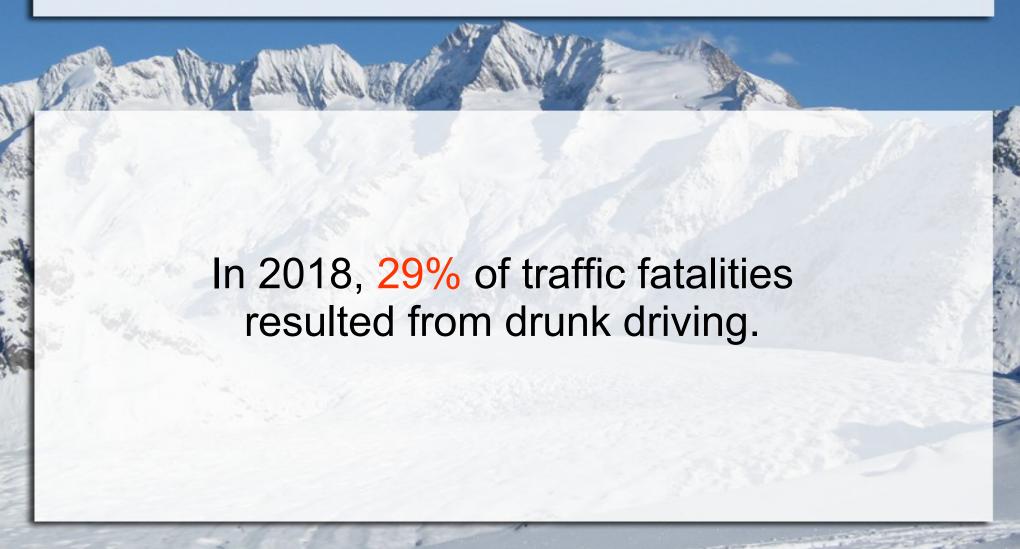
#### LEGAL LIMITS

The "Impaired" limit is actually a judgement call on the part of law enforcement.

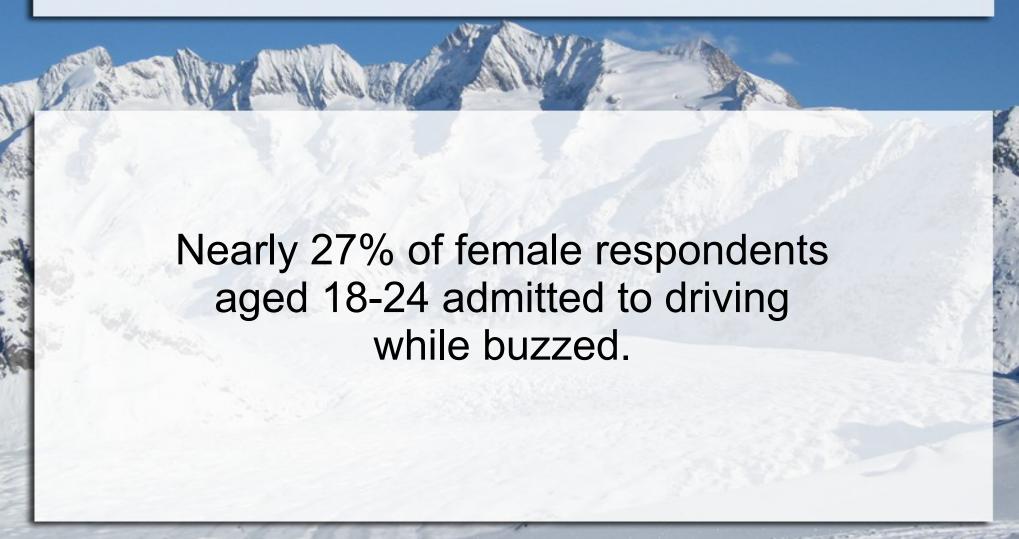


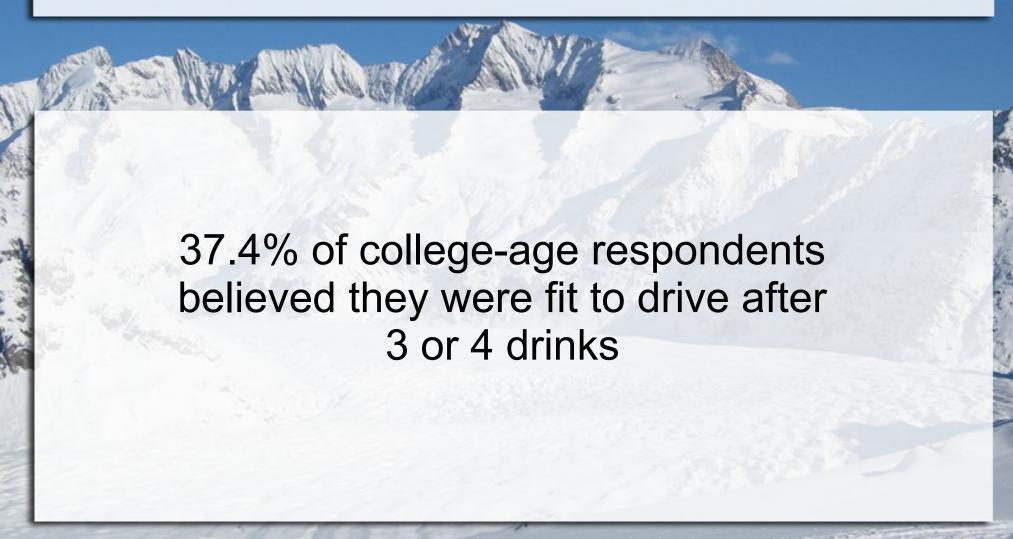






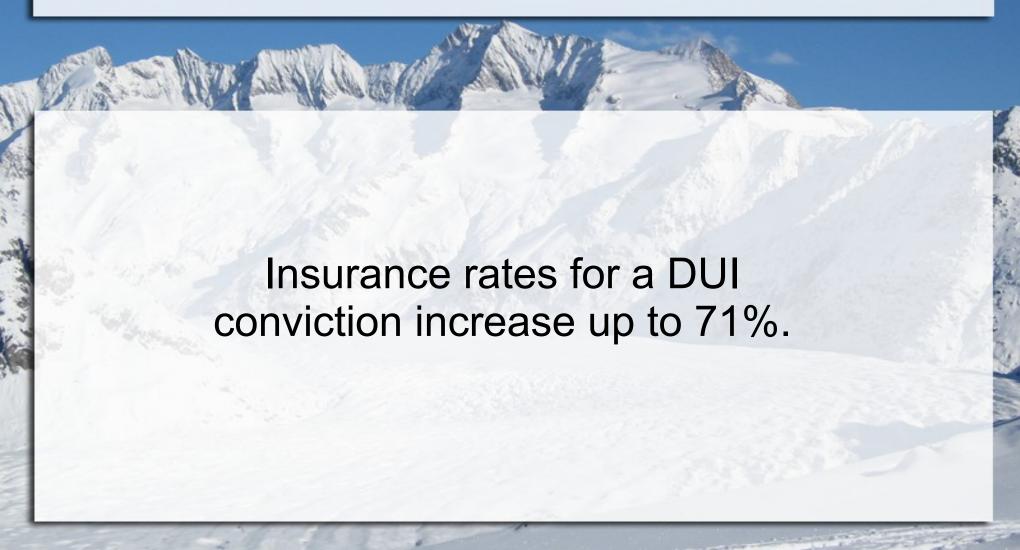
In a recent survey, over 20% of people aged 35 to 44 knew someone who was killed in a drunk-driving accident.





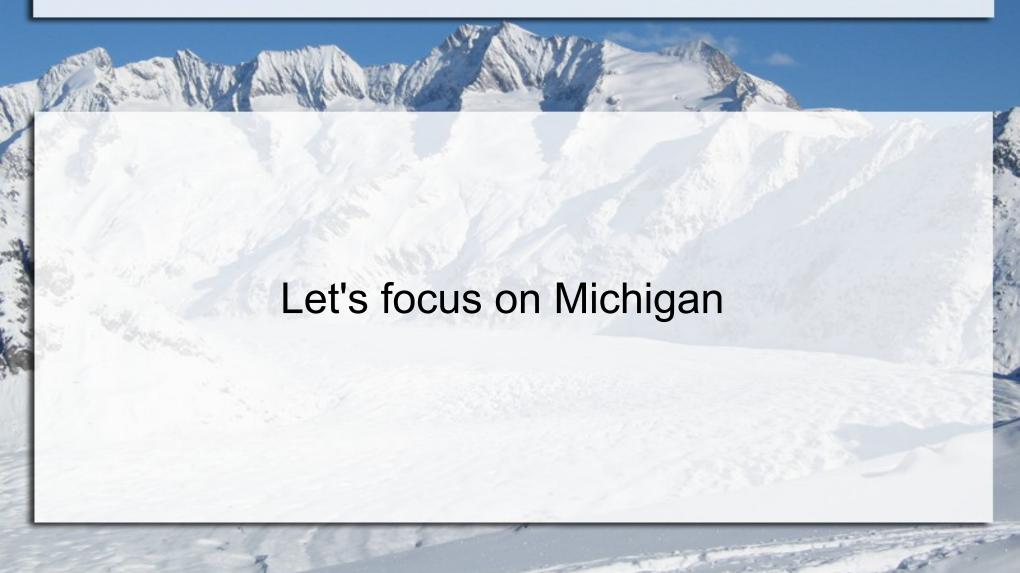
In 2017, about 2,000 people died in alcohol-related traffic crashes in which the driver was less-impaired than the established limit.

# Financial Impact



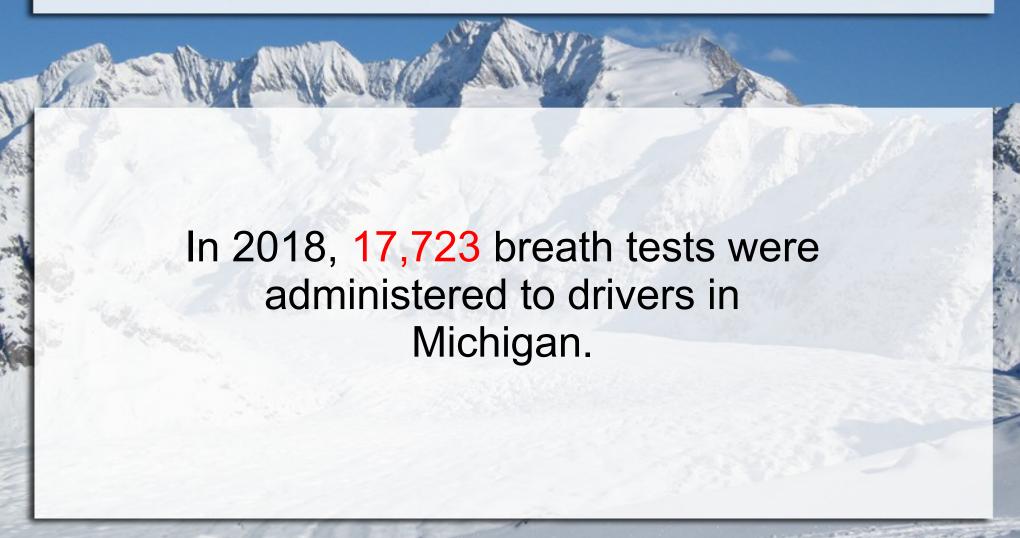
## Financial Impact

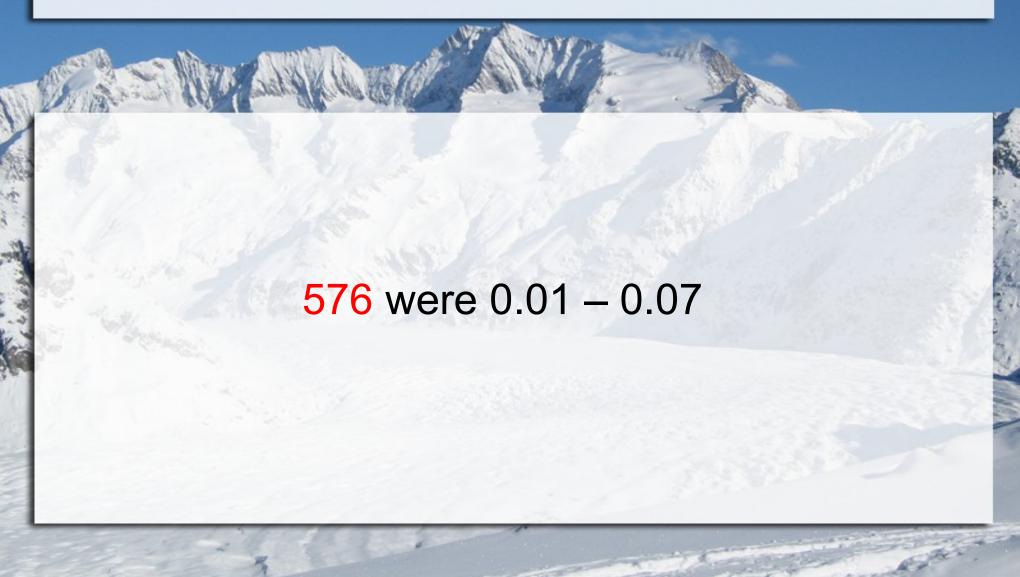
Each year, it is estimated that alcohol-related crashes cost society about \$50 Billion.

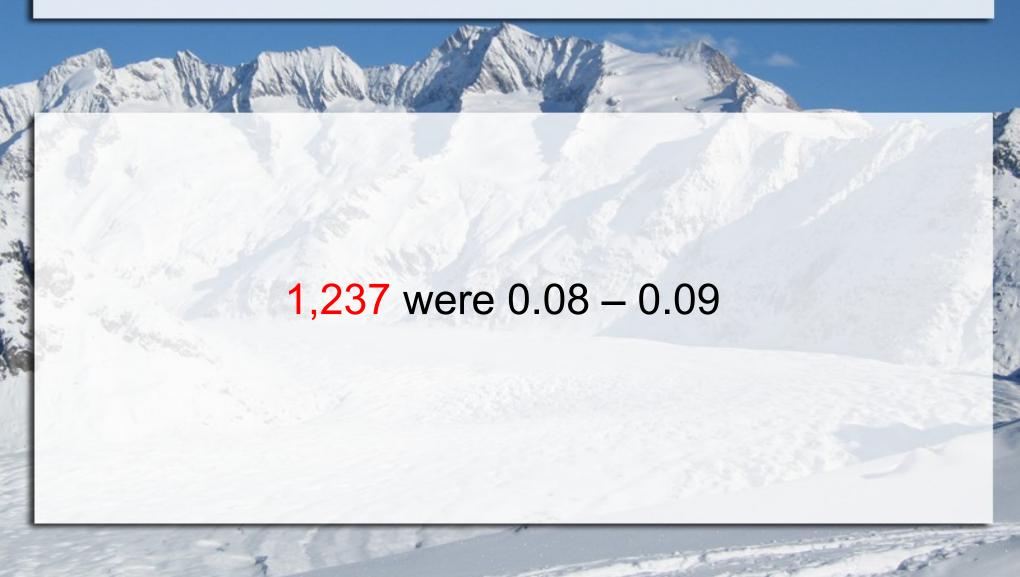


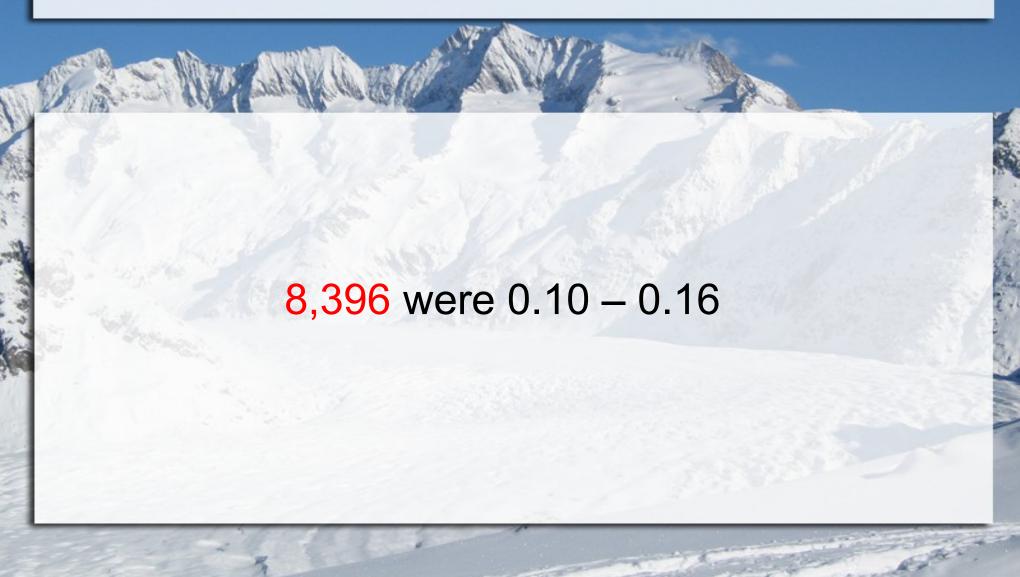


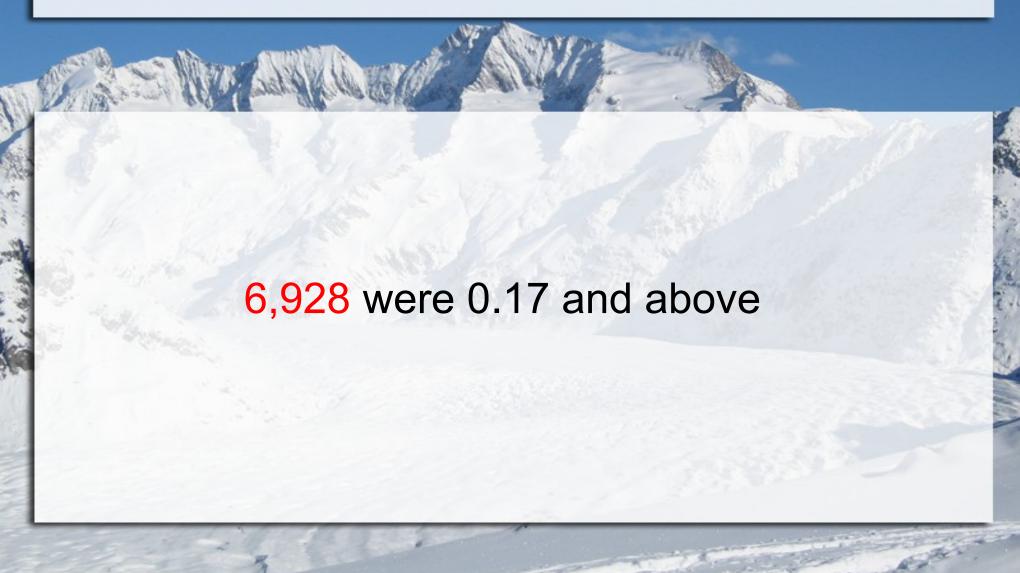


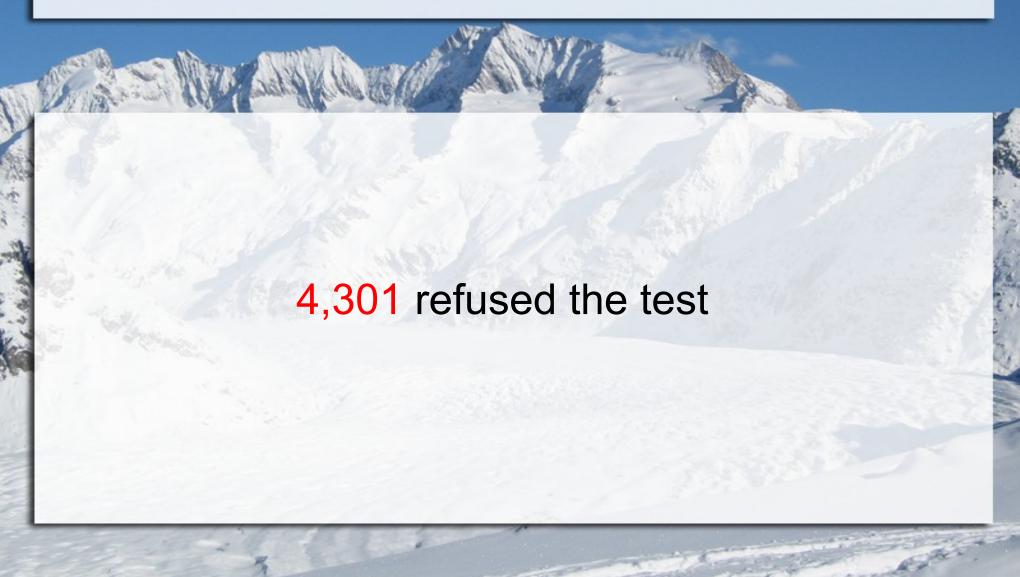








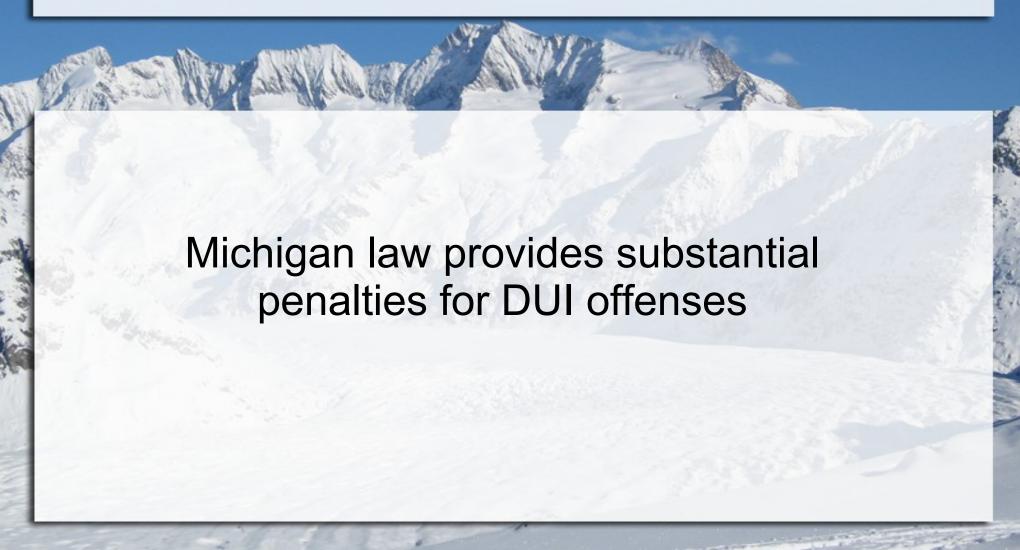




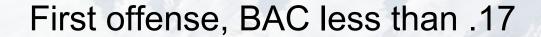




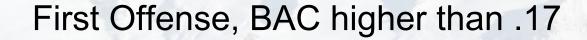
## Penalties in Michigan



## Penalties in Michigan



- •Up to \$500 fine
- •Up to 93 days in jail
- •Up to 360 hours of community service
- Up to 180 days license suspension
- •6 points on a driver's license



- •Up to \$700 fine
- •Up to 180 days in jail
- •Up to 360 hours of community service
- Up to one year license suspension
- •6 points on a driver's license



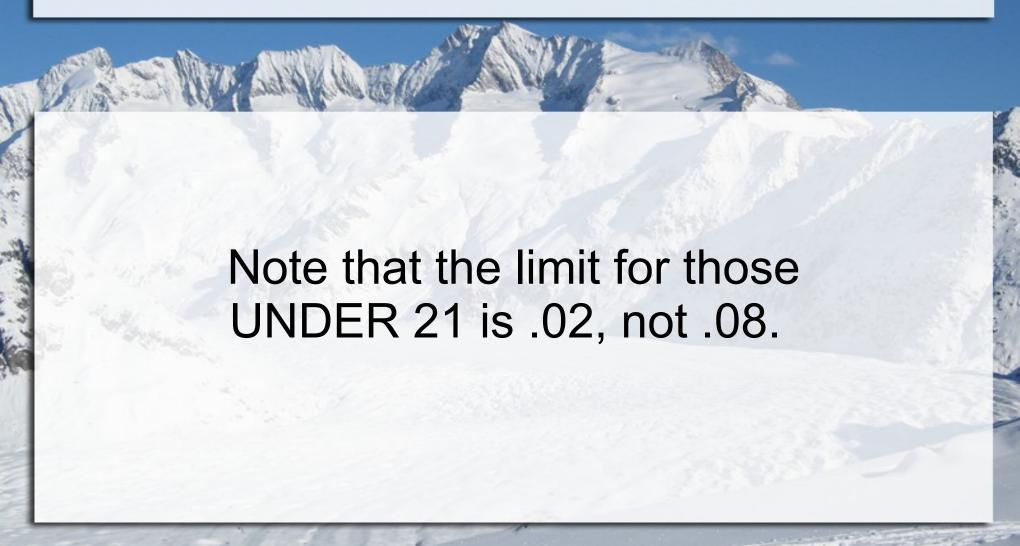
- Mandatory completion of an alcohol treatment program
- Ignition interlock use and compliance after 45 days license suspension is required to receive a restricted driver's license.

First Offense, BAC higher than .17

• Convicted drunk drivers have limited driving privileges, are prohibited from operating a vehicle without an approved and properly installed ignition interlock device, and are responsible for all installation and upkeep costs for the device.

#### Refusing the Breath Test

- Anyone who refuses a breath test the first time is given an automatic one-year license suspension.
- For a second refusal within seven years, the suspension is two years.



#### Felonies:

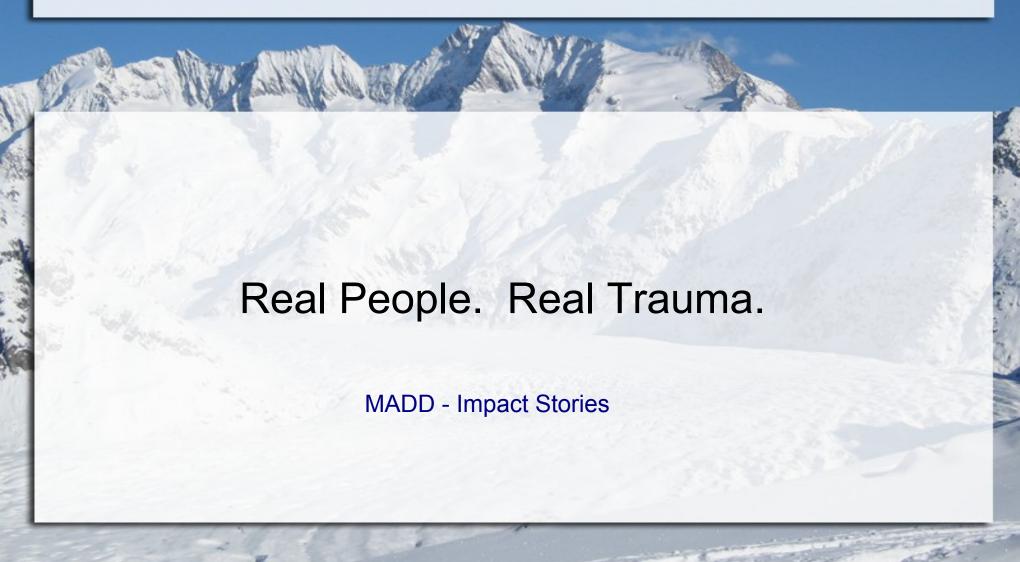
- · A third conviction in the driver's lifetime.
- A conviction for drunk or drugged driving that causes death.
- A conviction for drunk or drugged driving that causes serious injury to another person.

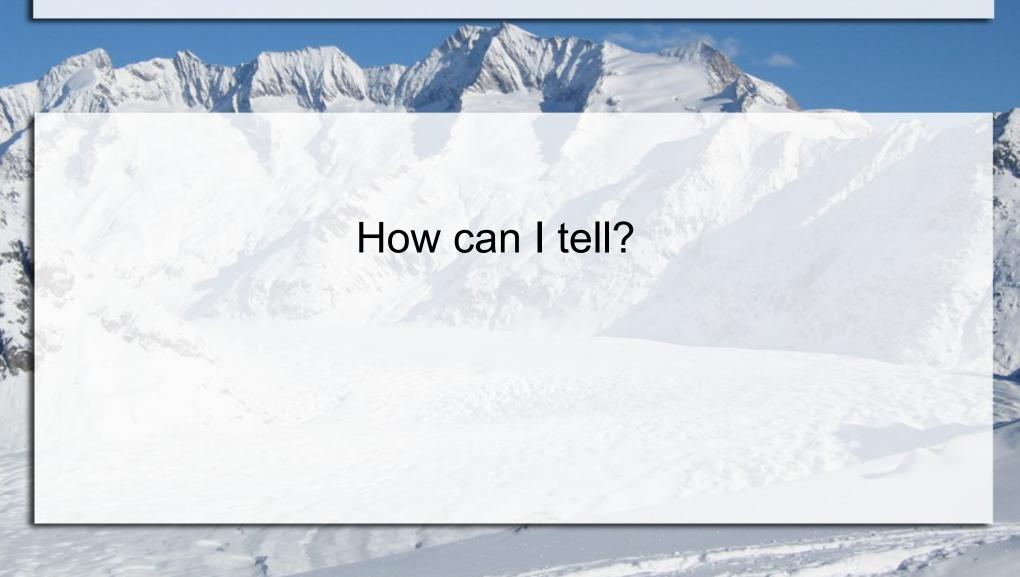
#### Implied Consent Law:

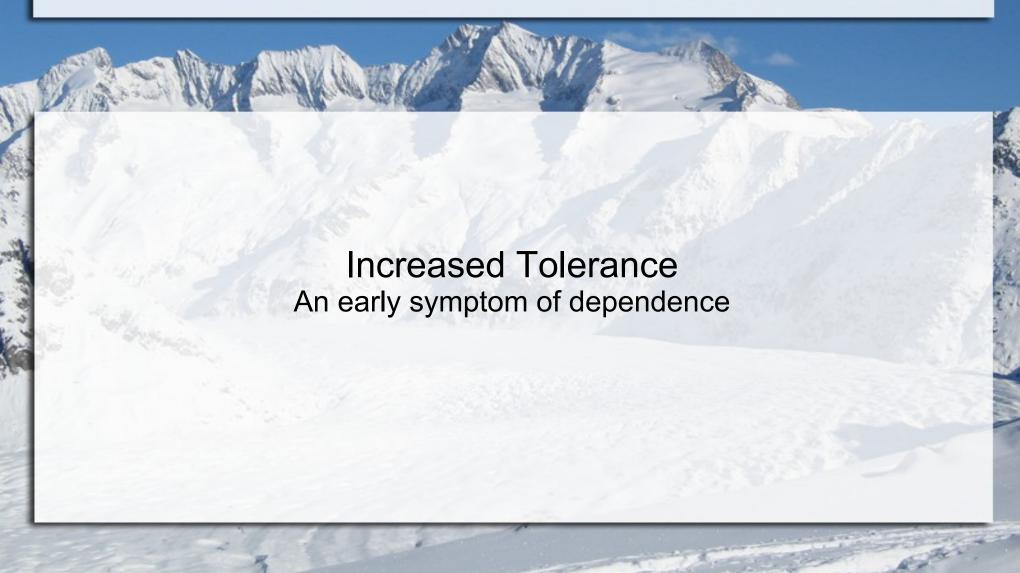
- In Michigan, licensed driver's are considered to have given consent for a breath / body alcohol measurement when requested by law enforcement
- This consent is required for the privilege to drive in Michigan



# The Real Impact



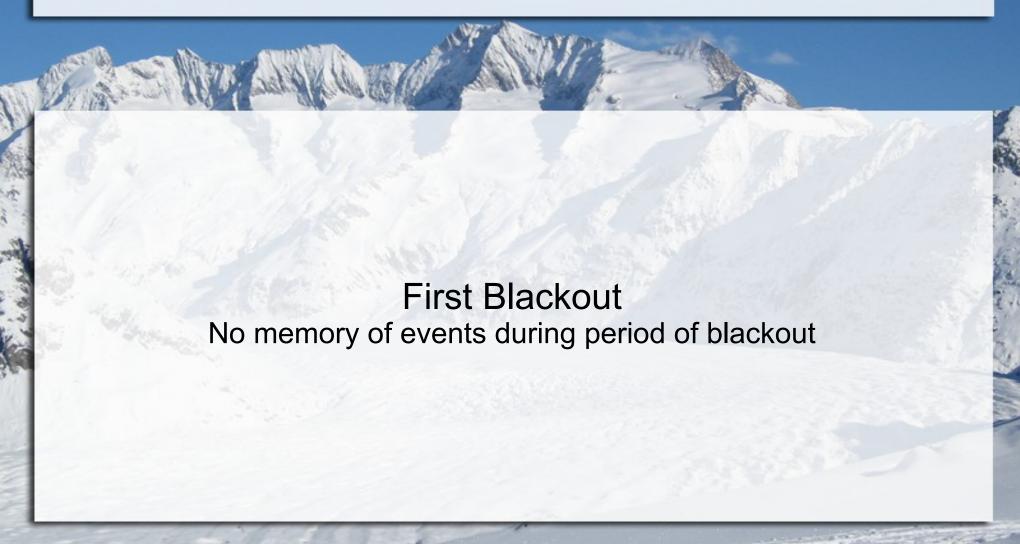




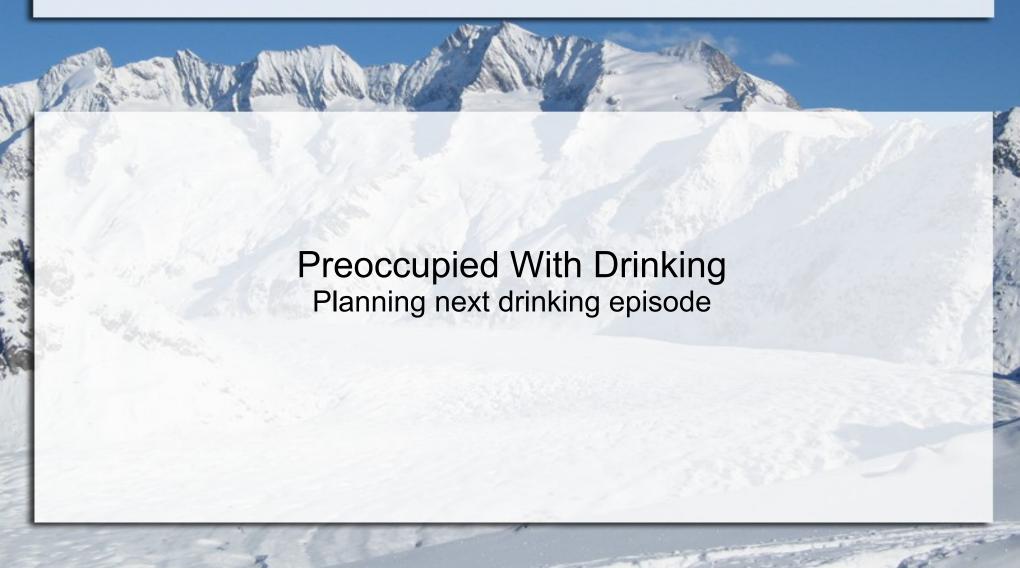


#### **Sneaking Drinks**

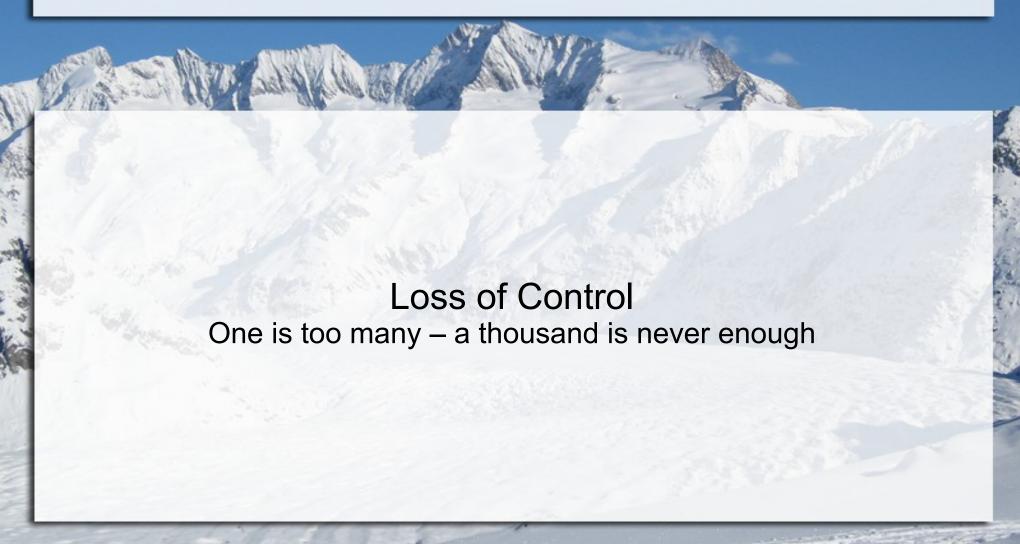
Having quick drinks when no one is around Keeping a bottle in desk drawer at work Adding alcohol to morning coffee

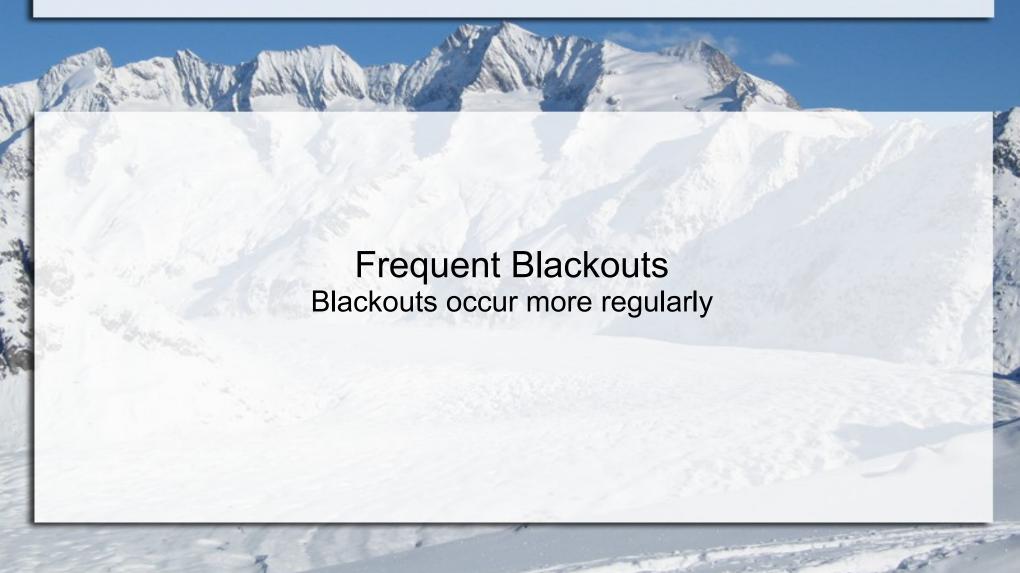






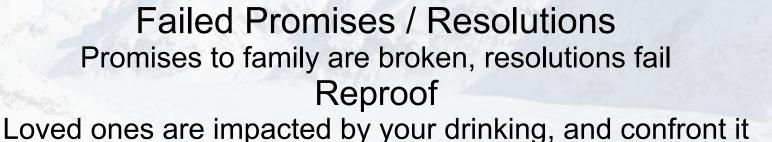
# Avoids Reference Surreptitious Drinking – avoid talking about it – minimize use Change the subject





#### **Alibis**

Making excuses to drink and to rationalize behavior "It's my birthday!" "It's the weekend!" "I deserve this after the week I've had!"



#### Extravagance

The drinker will act generous, buying expensive things / gifts in order to look good and deflect the criticism and anger

#### Aggression

The addict will get angry when confronted about his/her behavior. In some cases, the addict may even get violent.

#### Remorse

The alcoholic will have a moment of clarity, and see the damage being done to others, and even agrees that the alcohol is a problem.

#### **Changes Pattern**

The alcoholic believes it is something s/he is doing wrong, not that alcohol is the problem.

- Change what I drink
- Change who I drink with
  - Change when I drink
    - Eat first

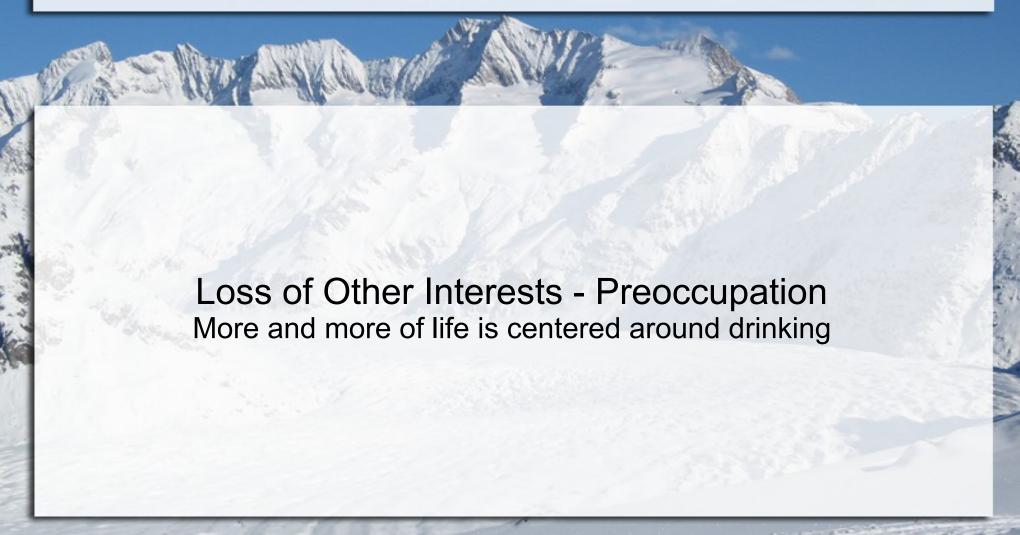
Copyright 2003 by Randy Glasbergen. www.glasbergen.com



"I started smoking to help me stop overeating. Then I started drinking to help me stop smoking. Then I started overeating to help me stop drinking."

#### Solutions!

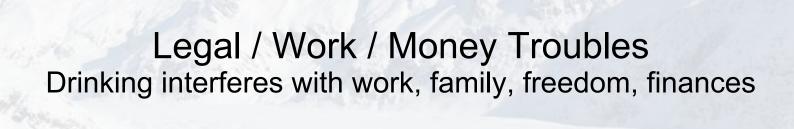


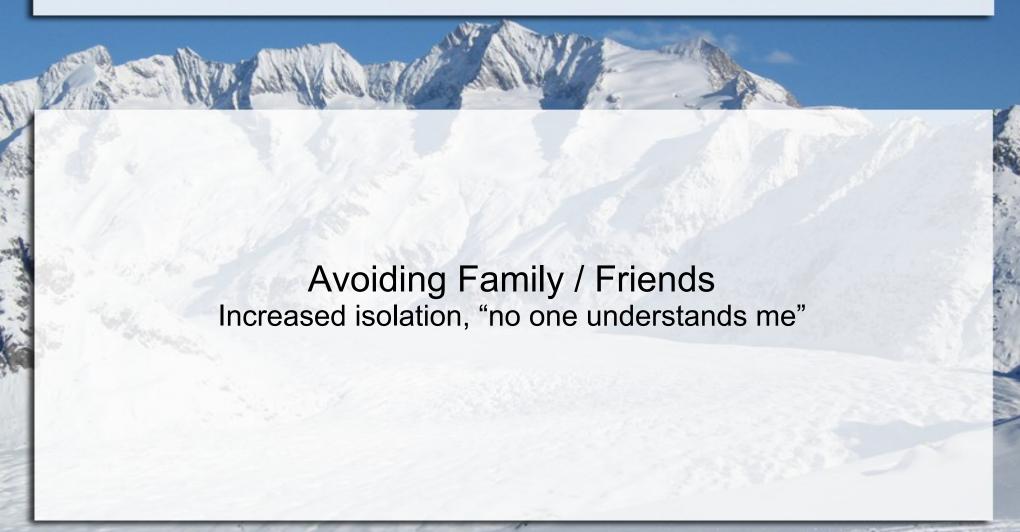


#### **Social Decay**

The addict swaps her social circle, replacing it with people just like her These new "friends" don't judge.

No longer comfortable around "normal" drinkers.





#### Seeks Help

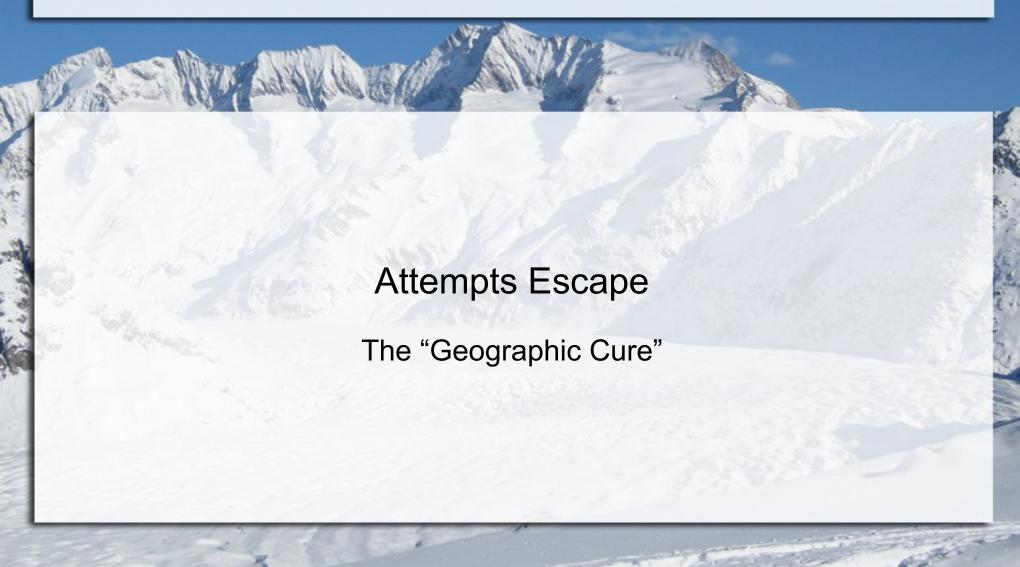
Because of the mounting problems, the addict seeks help Typically at this stage, it is the wrong help for the wrong reasons

- Marital Counseling for marriage problems
- Financial counseling for financial problems

  NOT seeing that the alcohol is causing these problems

#### Resentments

Having tried these other solutions, still having issues, he resents his loved ones for not recognizing how hard he is trying - Blames them for his drinking / drugging







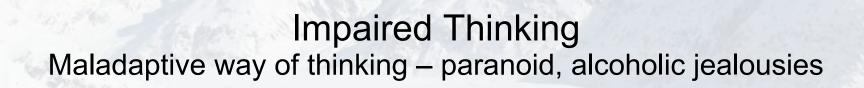
Life is now given over to the drug / alcohol. Days or weeks spent on nothing but drinking

#### Gross physical / psychological changes

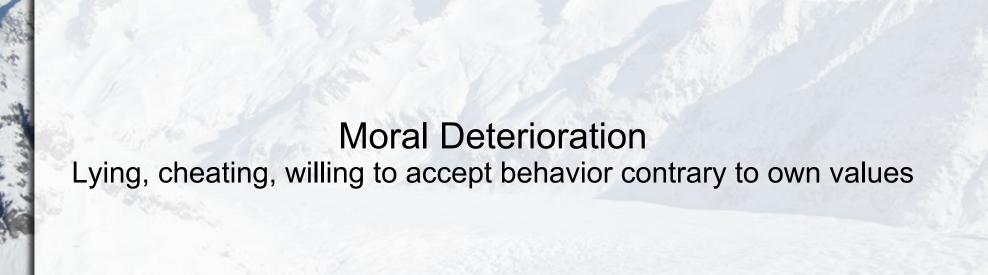
The body is being poisoned due to excesses, so the addict's overall health deteriorates, and his/her conscience and ability to reason breaks down.

#### **Decreased Tolerance**

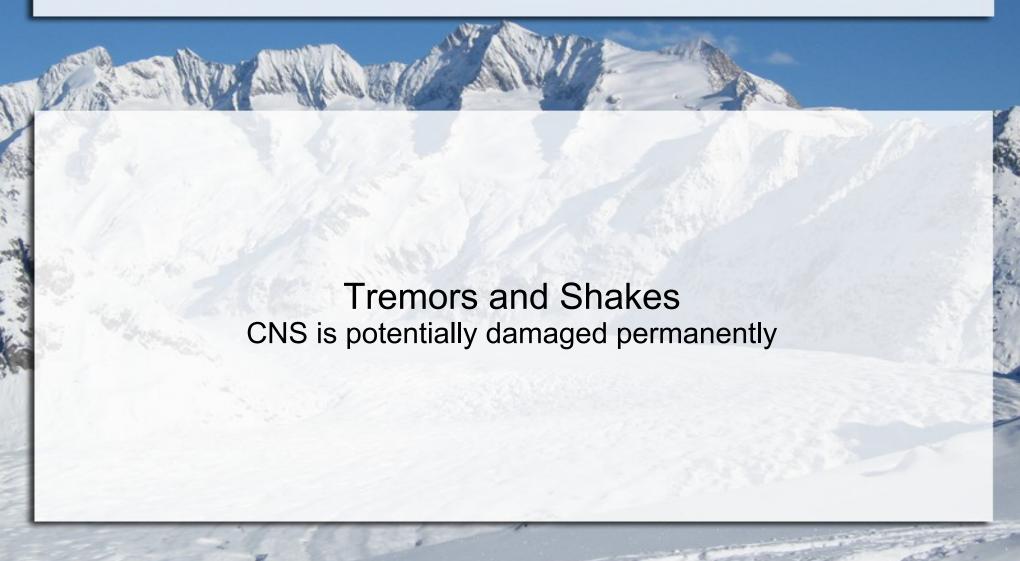
Tolerance diminishes due to the damage to the liver and other organs. The alcoholic now drinks just to feel normal, and small amounts will get him / her to the point of intoxication

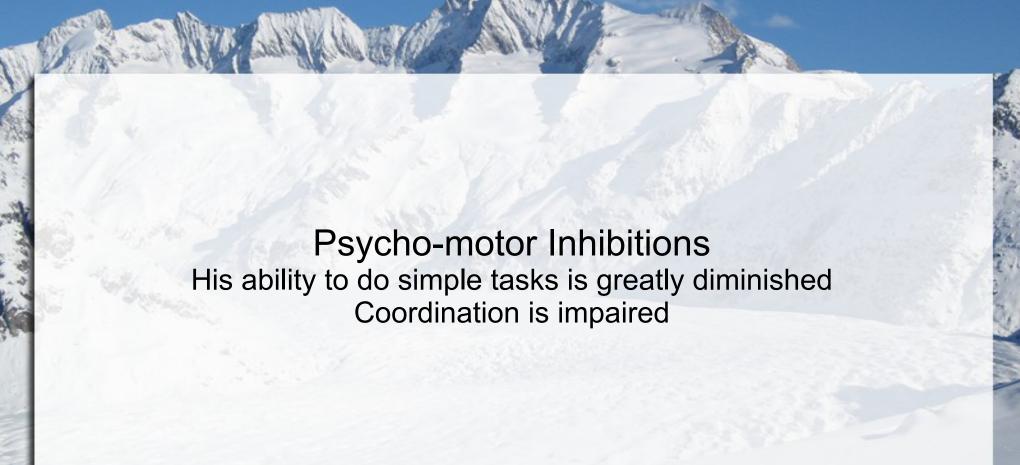


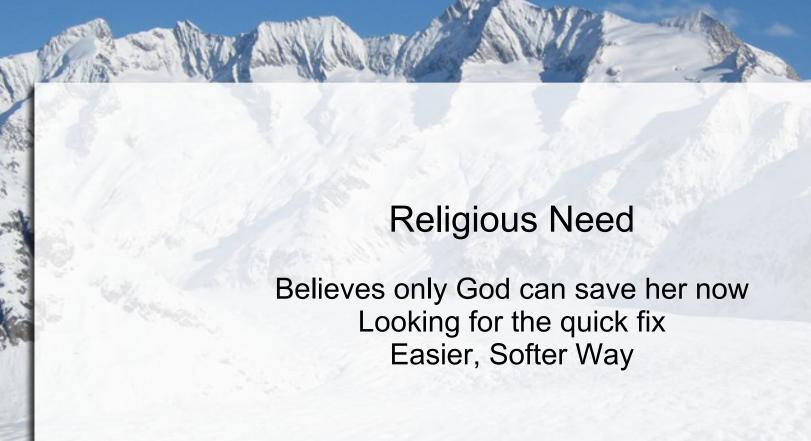












## The Addiction Cycle



## PREOCCUPATION

RITUALIZATION

COMPULSIVITY

DESPAIR

#### PREOCCUPATION

Preoccupation does not have to be 24/7
It can include:

- Who we hang with
- What we talk about
- The jokes we tell
- The things we collect
- Places we go
- The activities we engage in

#### PREOCCUPATION

In general terms, preoccupation means:

More and more of our lives are centered around drinking / using. The getting and using, and finding ways and means to get more.

Thinking about drinking, drinking, recovering from the drinking episode

#### RITUALIZATION

RITUALS are a crucial part of any addiction.

- WHAT we drink
- HOW we drink
- WHO we drink with
- WHEN we drink
- HOW we set up drinking marital arguments
- People, Places, Things, Playgrounds

#### COMPULSIVITY

Compulsion is the essence of Loss of Control

- Unable to stop at one
- The harder we try to stop, the more impossible it seems
- Drinking replaces everything else
- Loss of Control means loss of predictability

## Obsession / Compulsion

Preoccupation and Ritualization

- These make up the MENTAL OBSESSION Compulsivity
- This describes the mental AND physical compulsion to continue to use despite consequences

## Despair

The Aftermath

- GUILT
- SHAME



• What is the difference?

#### DEFINITION

ADDICTION is a *pathological relationship* with *any* mind or mood-altering *experience* that has *life-damaging consequences*.

ADDICTION is a *pathological relationship* with *any* mind or mood-altering *experience* that has *life-damaging consequences*.

Relationship

## With ANY mind / mood-altering EXPERIENCE

## Anything Can Be an Addiction





# That has Life-Damaging Consequences

### PATHOLOGICAL

"Insanity is repeating the same mistakes over and over again, expecting different results"

- Albert Einstein

# Diagnostic Criteria Screening for Addiction

A diagnostic screen includes a symptom:

Continued use despite knowledge of adverse consequences.

## Diagnostic Criteria

## Screening for Addiction

What is identified as "crazy" or "stupid" is often simply a clear symptom of Loss of Control.

## Diagnostic Criteria

## Screening for Addiction

Of course it's not logical!!

But it does make sense....It's a Brain Disease

#### Occasional and moderate drinkers:

- Memory Impairment
  - Blackouts
  - Recklessness
- Impaired Decision-Making

#### **Heavy and/or Chronic Drinkers:**

- Diminished Grey Matter in the Brain
  - Inability To Think Abstractly
  - Loss of Visuospatial Abilities
  - Wernicke-Korsokoff Syndrome
- Memory Loss / Loss of Attention Span

#### **Heavy and/or Chronic Drinkers:**

• It is well established in the Mental Health Treatment community that alcohol can exacerbate mental health disorders

#### **How Does It Act in the Brain?**

Receptor Sites Alcohol Impacts:

- · GABA
- Glutamate
- Dopamine

#### **How Does It Act in the Brain?**

Slurred speech, slowed reaction times, disorientation, poor coordination

#### **How Does It Act in the Brain?**

Result from alcohol's impact on the GABA and Glutamate receptors / neurotransmitters

#### **How Does It Act in the Brain?**

THE REWARD CENTER

Meanwhile, alcohol's effect on the Dopamine system creates the pleasurable feelings that lead one to drink in the first place

# **DOPAMINE**Things that activate Dopamine

- A baby's smile
  - A sunny day
  - A good meal
- Meeting a friend



Things that activate Dopamine Every day things that we enjoy



**Things that activate Dopamine** 

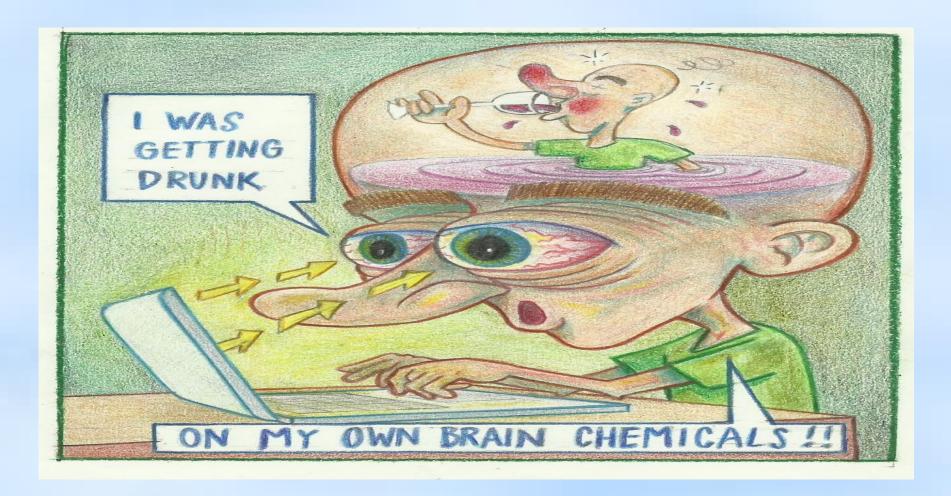
It is tied to the survival of the human race – it causes us to repeat important behaviors that perpetuate survival



**Things that activate Dopamine** 

The FLOOD of Dopamine associated with drugs of abuse, including alcohol, far exceeds the normal pleasurable response

# Vicious Cycle



# DOPAMINE

# **Things that activate Dopamine**

So, over time, the DRUG is the thing our brain believes we need to survive



Things that activate Dopamine More than food.



Things that activate Dopamine

More than sex.



Things that activate Dopamine More than love.

# **DOPAMINE**

# Things that activate Dopamine

More than our FAMILY, our JOB, our KIDS.



If I drink instead of being with my children, what does that say?



If I miss work because I'm hung over, what does that say?



If I drink instead of going to a family function, what does that say?



What have I skipped in order to drink?

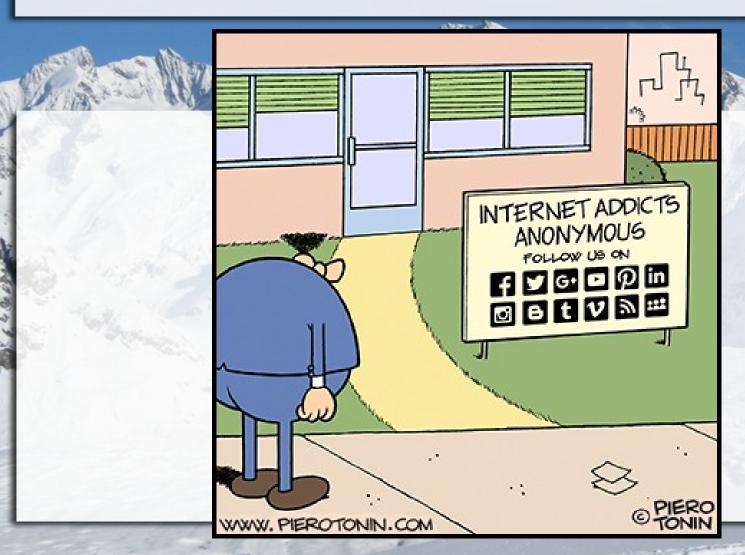


What have I missed because I was drinking?



Or recovering from drinking?

# Irony?



### ALCOHOL and the BODY

We often think of alcohol's obvious effect on the Liver

 but in truth, alcohol impacts virtually EVERY organ
 system in often very damaging ways.

### ALCOHOL and the BODY



#### THE BRAIN:

 Alcohol interferes with the brain's communication pathways, and can affect the way the brain looks and works.

#### **CANCER:**

 Chronic Drinkers are more likely to develop throat, mouth, or esophagus cancers. Breast cancer is also more common in women who drink heavily.

#### **HEART:**

 Drinking heavily over a long time or too much on a single occasion can damage the heart, causing problems including cardiomyopathy, arrhythmias, stroke, and high blood pressure.

#### LIVER:

 Heavy drinking takes a toll on the liver, and can lead to a variety of problems and liver inflammations including: steatosis (fatty liver), alcoholic hepatitis, fibrosis, and cirrhosis.

#### STOMACH DISTRESS:

 Drinking too much can lead to bloating, gas, and painful ulcers.

#### PANCREAS:

- Alcohol causes the pancreas to produce toxic substances that can eventually lead to pancreatitis
- ANTABUSE and Acetaldehyde

#### **IMMUNE SYSTEM:**

 Drinking too much can weaken your immune system, making your body a much easier target for disease.

## The Resilience of the Human Body

Despite the assault on our body and brain

- The brain can repair lost gray matter
- The liver can regenerate
- We CAN recover

## The Resilience of the Human Body

Despite the assault on our body and brain

 After as little as 30 days without drinking, some improvement is seen in the brain and liver

## The Resilience of the Human Body

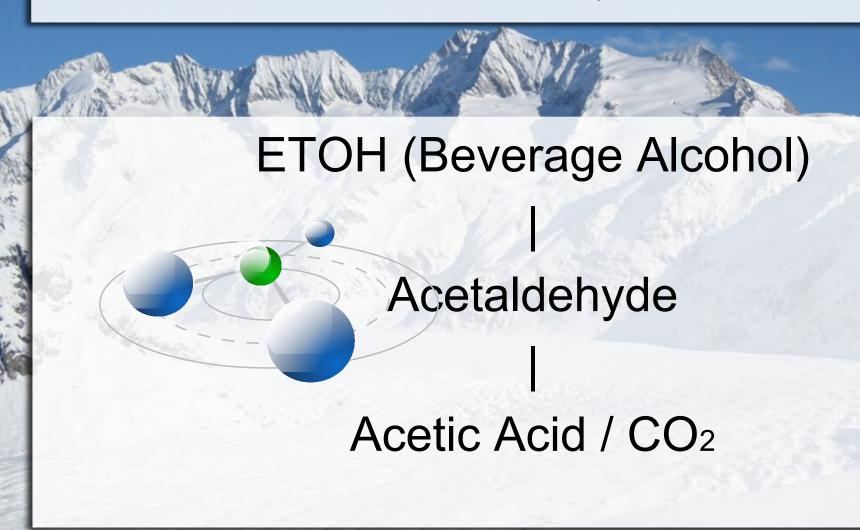
Despite the assault on our body and brain

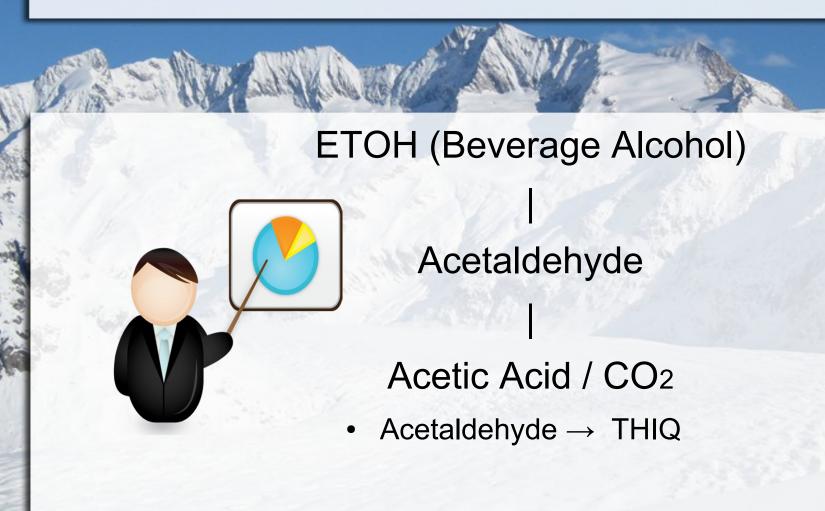
 After as little as 6-12 months without drinking, some of our distorted thinking is replaced with healthy, reality-based thinking

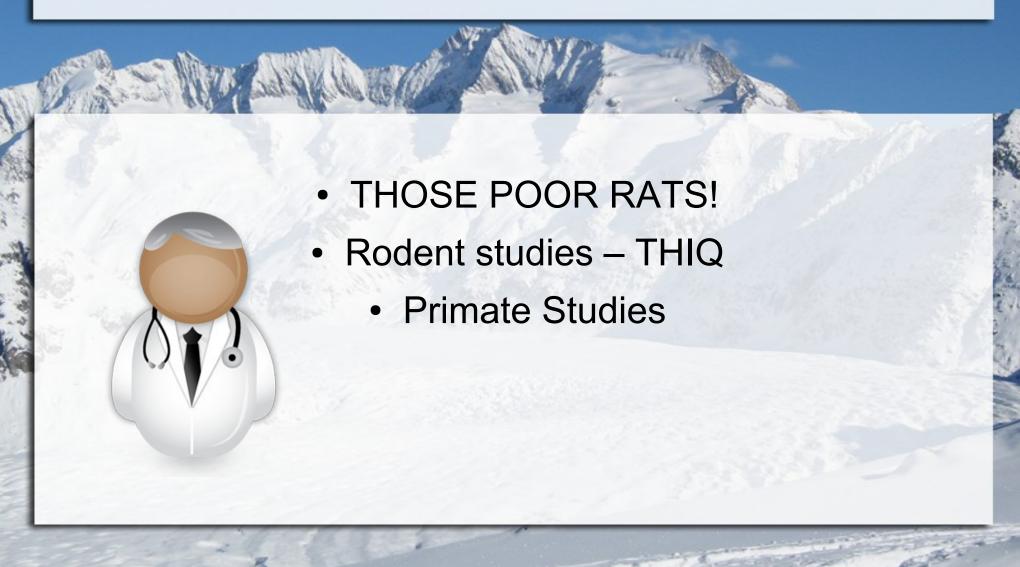
### The Disease Model of Alcoholism

- Holds that alcoholism is a chronic, incurable, potentially fatal disease involving loss of control over drinking despite physical, mental, emotional, legal, familial, and social consequences.
- Disease it has a cause, a course, and a unique set of symptoms

- THIQ tetrahydroisoquiniline
- Studied in rats
- Found in veteran studies heroin addicts
- Chemical Pathway explained







### **GENETICS**

Approximately 50% of alcoholism can be attributed to Genetics.

- "Old School" research THIQ
- "New School" research many genes

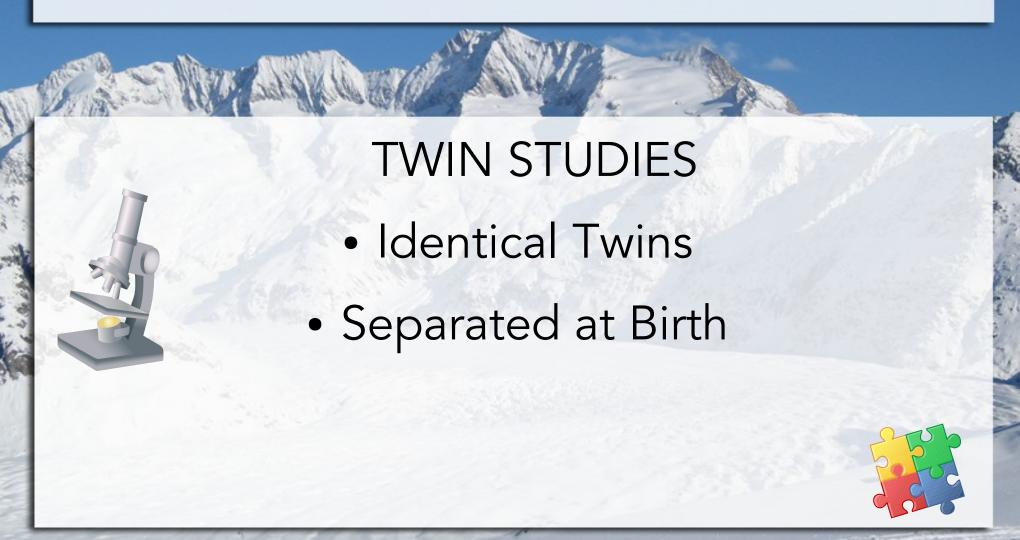
### **GENETICS**



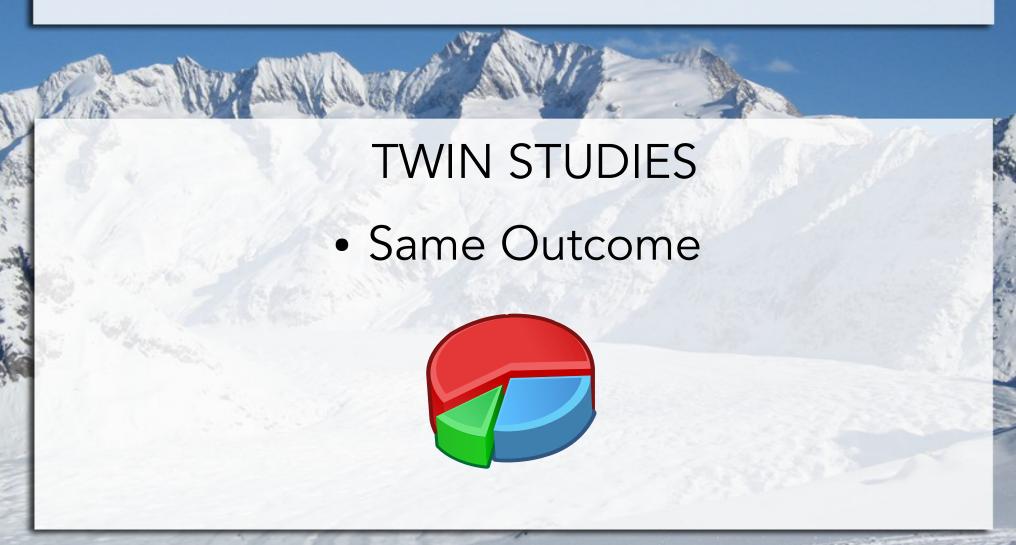
- Father 5x
- Mother 3x



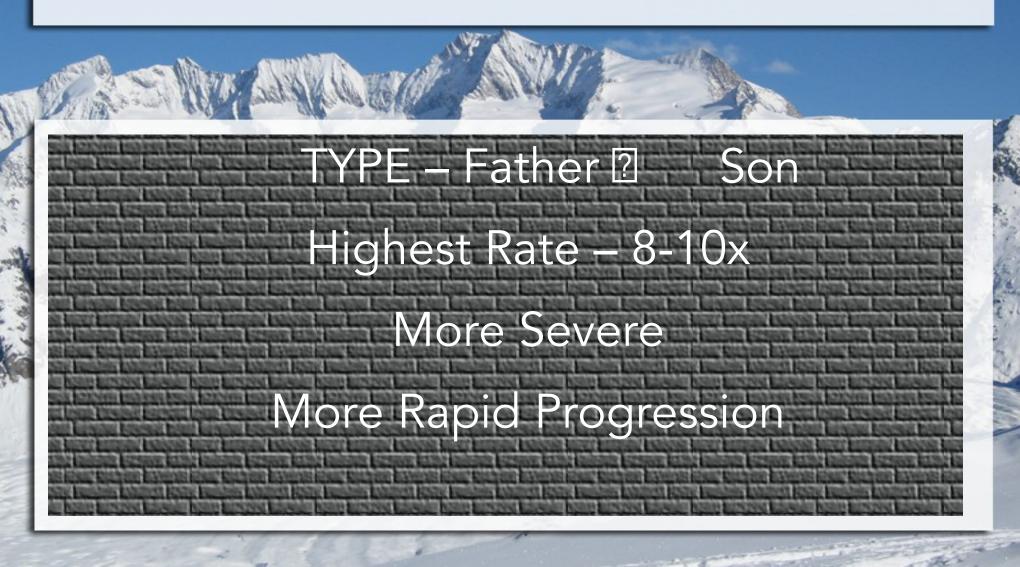
## **GENETICS**



### **GENETICS**



#### **GENETICS**



#### **ACEs**

As we have seen, genetics play an important role in determining the risk for SUD (Substance Use Disorder)

#### Other factors:

- Adverse Childhood Experiences (ACEs)
- Overall Environment (community, economic hardship, pervasive hopelessness)

### ACEs - examples

- Psychological, emotional, physical, or sexual abuse
- Violence against mother
- Living with substance-abusing parent(s)
- Living with mentally ill parent(s)
- Living with criminal / incarcerated parent(s)

### **ACEs**

#### **ABUSE**

#### **NEGLECT**

#### HOUSEHOLD DYSFUNCTION



**Physical** 



Physical



Mental Illness



**Incarcerated Relative** 



**Emotional** 



**Emotional** 



Mother treated violently



Substance Abuse



Sexual



Divorce

### ACEs - examples

- Violence in the community
- Racism
- Chronic Poverty

 The body's stress response does not distinguish between overt threats from inside or outside the home environment, it just recognizes there is a threat and goes on high alert.

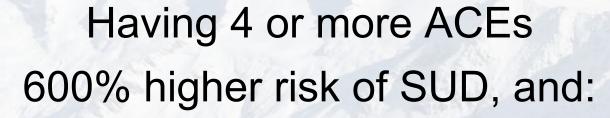
#### **ACEs - effects**

- Chronic Stress
- Disruption of Early Brain Development
- Disruption of development of the nervous and immune systems

#### **ACEs - effects**

- Early Death
- Risky Health Behaviors
- Chronic Health Conditions
- Low Life Potential

#### ACEs - outcomes



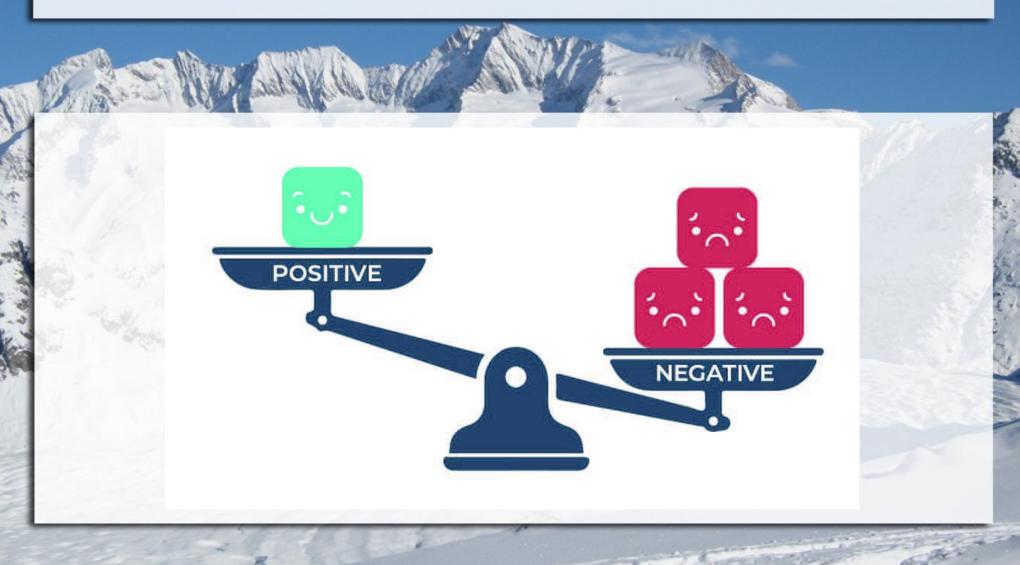
- Chronic Pulmonary Lung Disease 390%
  - Hepatitis 240%
  - Depression 460%
    - Suicide 1220%

### ACEs – experiences + genetics

#### Interplay of ACEs & genetics

- Genetics are the starting point some are born highly sensitive to the effects of toxic stress
  - Genetics set the position of the fulcrum, determining how much counterbalancing positive factors are needed

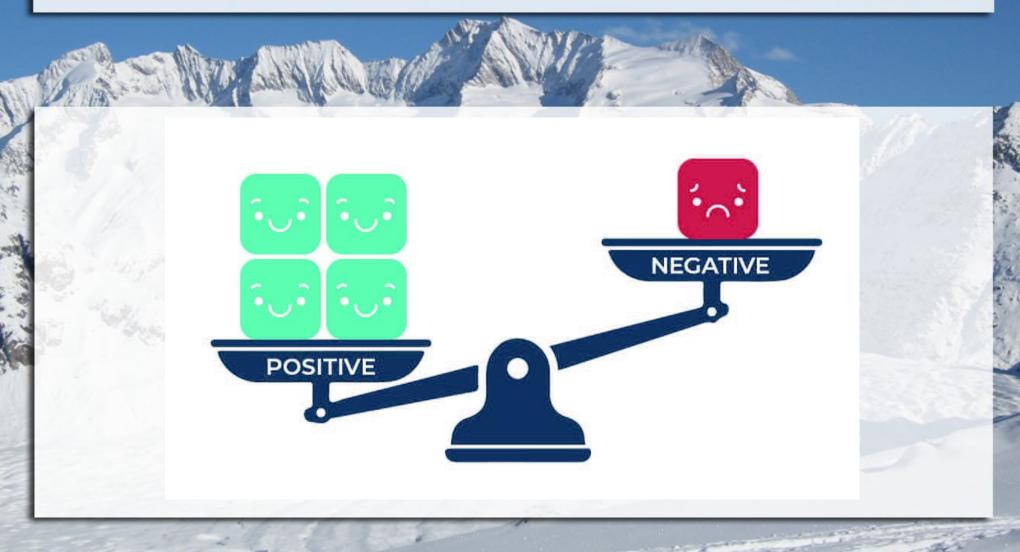
# Tipping the Scale



# Balancing the Scale



### Resilience



### Developing Resilience

- Positive Support Network
- Safety Net support for chronic conditions, community deficits, homelessness, etc.
- Assistance with mental health conditions
- Connections!

### Family Dynamics of Addiction







What are some of the characteristics of a "Healthy Family"

#### There are clear boundaries in the family

- Parents take the leadership role
- There is a strong bond between the parents
- Children are kept out of tension between the parents
- Parents avoid making negative comments about each other in front of the children
  - Decisions are made in the best interest of the family

#### Relationships within the family are seen as important

- Parents make an effort to establish relationships with children
- Parents know it is their responsibility to form these relationships
  - Parents support children's activities and are involved
  - Parent plan "fun times", where memories are often made

#### There is open communication among members

- Communication does not flow only through one person
- One parent does not act as the interpreter for the other
  - There is no "message carrier" in the family
  - Children are encouraged to speak for themselves

#### Conflict is allowed

- Family members are allowed to disagree with one another
  - When conflict occurs, it is resolved
  - There is freedom and safety for mistakes and failures
  - There is forgiveness and a "moving on" from conflict

# There is an attitude of service to one another And to the community

- This attitude starts young
- The young child wants to "help" and is encouraged to do so, fostering a sense of belonging
  - Family members purposely serve each other
    - The whole family serves others

Although families are not always structured with these characteristics,

Family relationships are dynamic and changeable.

With purpose, patience and time, positive change is possible in family dynamics.

#### **NO Clear Boundaries**

- Children are drawn into parental conflict and tension
- Parents often speak ill of the other parent
- A child can become a "surrogate spouse"
- Roles get reversed children parent the parents

### Relationships are not a Priority

- No family "fun times" nightmare vacations
- Parents don't support children's activities
- Child is responsible for nurturing the relationship ("he knows where I am" - can extend into adulthood)
- No active effort from the parent to nurture the relationship
- The codependent parent may have vacations with the children, without the alcoholic parent

### Communication is Unhealthy

- Children are not encouraged to speak their minds
- When they do, they are shamed and ridiculed
- There is a designated "message carrier"
- Feelings are not allowed only the alcoholic can express anger
- Crucial information is withheld "We're moving"

#### Conflict is Not Allowed

- In fact, it's dangerous (emotional blackmail, violence)
- There is no forgiveness, no "moving on" except to the next major conflict
- Conflicts are never resolved years without speaking
- Disagreement is considered disloyalty

#### No Attitude of Service

- Everyone for themselves
- No sense of belonging "I must be adopted"
- Siblings help other siblings out of necessity and in unhealthy ways, taking on parental responsibility
- Service to others by the family is primarily done to make the family look "normal" or "good"
- Change is not welcome or encouraged

### 4 Primary Rules

- DON'T TALK
- DON'T TRUST
  - DON'T FEEL
- DON'T MOVE

#### DON'T TALK

- Don't tell the family secrets
- Don't talk about the alcoholism even to siblings
  - Don't ask to get your needs met
  - Don't make the alcoholic angry
- Preserve the family's phony image at all costs

#### DON'T TRUST

- Don't trust anyone
- Don't trust your feelings
- Don't trust what you see
  - Don't trust authority
- Don't trust your own thinking
  - Don't trust your own sanity

#### DON'T FEEL

- #1: Learn to suppress your feelings
  - #2: ALL feelings are negative
- Learn to be a pretender mimic others

#### DON'T MOVE

- Change is BAD
- This is all there is, don't strive for better

# Family Roles in an Addicted Family

ADDICT
CODEPENDENT ("Enabler")
HERO
SCAPEGOAT
MASCOT
LOST CHILD

# Family Roles in an Addicted Family

#### The Enabler

- Covers for the addict / alcoholic, makes excuses
- Blames themselves and others for the drinking
- Calls the alcoholic off work, family functions
- Works to keep the children behaving so that the addict doesn't get upset – the problem is the rules keep changing, so it's a futile effort
- Does for the alcoholic what he/she can and SHOULD do for themselves

# Family Roles in an Addicted Family

#### The Hero

- Often the firstborn, Type "A" Personality
- Brings pride to the broken family
- Perfectionist, must be perfect to compensate for family shortcomings
- Strives to bring "normalcy" to the family
- Under tremendous pressure susceptible to stressrelated illnesses later in life

# Family Roles in an Addicted Family

## The Scapegoat

- The "Problem Child", the troublemaker
- The truth teller in the family
- Often will act out the problems the family is denying
- Distracts from the real family issues
- Often sacrificed for the family
- Self-destructive, often substance abuser
- Legal problems and trouble in school

# Family Roles in an Addicted Family

#### The Mascot

- The "Class Clown"
- Uses humor to distract and ease family tension
- Comic relief protects him/her from fear and pain
- Desperate for the approval of others, gaining attention through comedy

# Family Roles in an Addicted Family

#### The "Lost Child"

- Quiet, Ioner
- "Friends" tend to be animals or inanimate objects
- Don't seek attention, shy away from it
- Often "invisible" to the family, don't make waves
- Put off decision-making
- Struggle to form intimate relationships

## So we grow up – we're better, right?

### How do these issues persist in adulthood?

- Belief Systems develop starting at a very young age
- These beliefs govern our behavior to a large extent
- Some of these beliefs are False!

## Isn't belief and truth the same thing?

- We can believe something deeply, regardless of truth
- Flat Earth and the Center of the Universe

# The only Keanu Reeves reference In Today's Talk – I promise

- THE MATRIX
- While not as dramatic, our belief system is the vision of the world we pull over our eyes and filter everything else through it
- If you believe it strong enough, it is <u>your</u> truth even if it is not <u>the</u> truth

# HVAC repair and the frightened child

Family Therapy story - "context matters"

# The Black Crayon

Sometimes it is simpler than we think



I heard it from my mother

## Change vs. changes

# You don't have to change much... Only everything

 Without changing our beliefs, lasting change can be elusive

### Recommended Reading

# The Four Agreements Don Miguel Ruiz

- Be Impeccable With Your Word
  - Don't Make Assumptions
- Don't Take Anything Personally
  - Always do Your Best

# Sticking To Your Story

"As we grow up, each of us develops a worldview – a story about who we are, what we believe, and what makes us feel safe. Most of us spend the rest of our lives sticking to our story."

- Tony Schwartz

## Sticking To Your Story

#### How do we stick to our story?

- Simon & Garfunkel the Boxer
- Habituation rather than Intention
  - Reactive & Defensive
- Only accepting the evidence that supports our view
- Black & White thinking 100% wrong or 100% right

#### Questions to Ask Ourselves

- "Why am I the way I am?"
  - "Who can I become?"
- "What stands in my way?"

#### Deeper Questions to Ask Ourselves

- "What am I not seeing?"
- "What else could be true?"
- "What is my responsibility in this?"

#### Who Am I?

"We are what we repeatedly do" - Will Durant

#### Who Am I?

Becoming the best version or ourselves requires not just self-inquiry, but also deliberate and disciplined practice to break free of old mindsets and build new habits.

#### Q&A

#### Question time!

- What is one takeaway for you today?
- How will you use this information?
- Did you learn anything about yourself today?
- What are your questions?

#### RECOVERY PATHWAYS

- 12 Step Programs AA, NA, Celebrate Recovery
- Rational Recovery or other secular programs
- Religious organizations, church
- Professional counseling
- Family, supportive friends, career focus
- Holistic healing options Reiki, meditation, Yoga
- Whatever makes you a better you

#### RESOURCES

- AA Hotlines Michigan: https://anonpress.org/phone/mi.php/
- NA Helplines Michigan: https://michigan-na.org/michigan-region/
- SAMHSA's National Helpline 1-800-662-HELP
- GHS Genesee Health System 810-257-3740