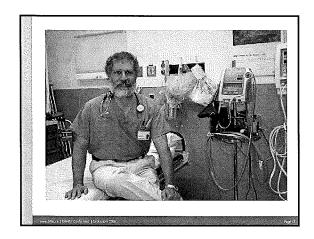
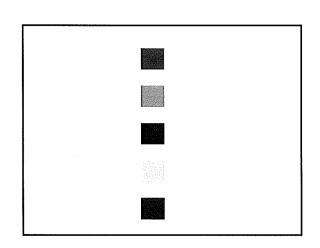


#### **Chinese Proverb**

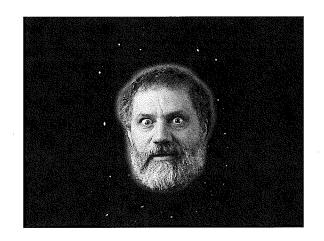
Tell me, I forget.
Show me, I remember.
Involve me, I understand.

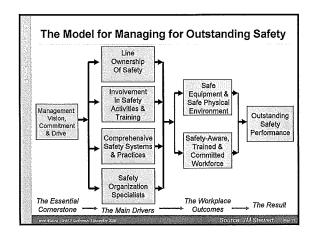


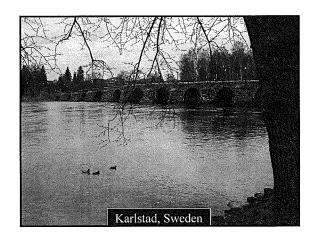




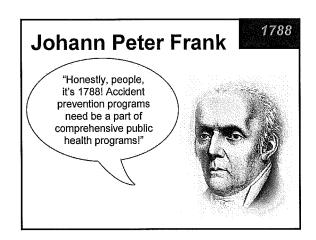
Green Blue Yellow Red

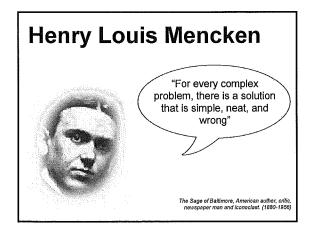


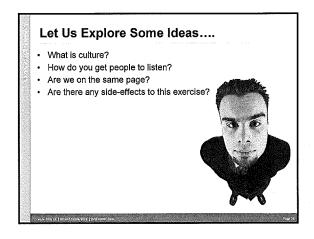


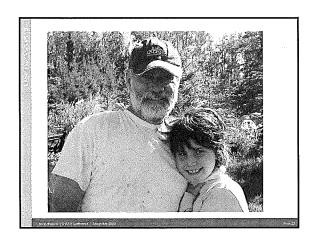


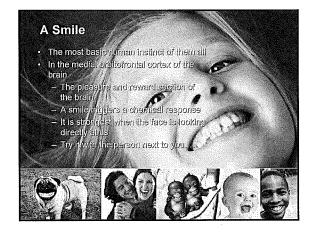


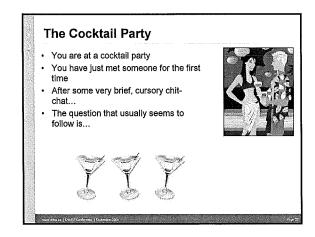


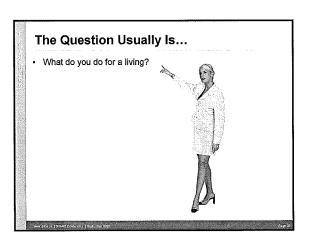


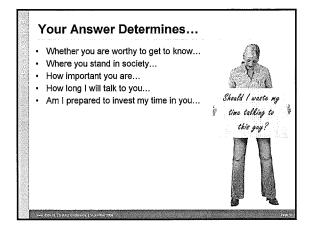




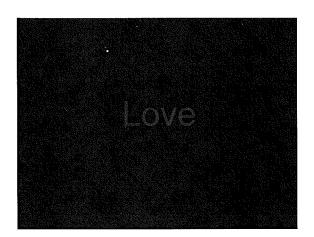


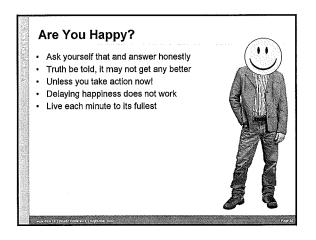












# Happiness: What Is It?

- 50% is genetic you either have it or you don't
- 10% comes from wealth and education
- 40% come from volunteering and social support network

If Love and Happiness are so important to us all, then where are the Departments or Ministries of Love and Happiness?

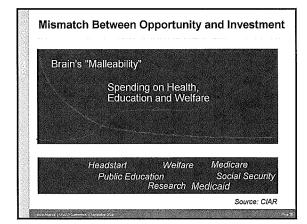
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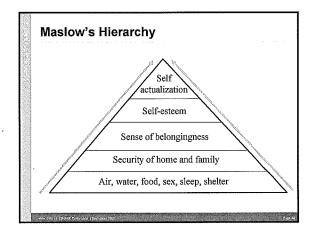
#### **Preventable Deaths and Disability**

- · Close to 50% of all deaths are preventable
- · For Canadians under 44 years of age injuries are the leading cause of death
- · For those under 34 motor vehicle injuries are
- · For those 1-19 years of age injuries exceed all other causes of

#### What Makes Us Healthy or Not?

- Genetics
- Gender
- Safety
- Housing
- · Social support networks · Employment conditions · Education (literacy)
  - Income & social status
- · Physical environment Culture
- · Personal health
- · Child development
- practices
- Resilience
- Spirituality





# Why Do Folks Like These Things? · Fatty foods Drugs Alcohol Inactivity Salt Smoking

### Instant vs. Delayed Gratification Fatty foods → Obesity, diabetes, heart disease, injuries - Drugs ightarrow Overdoses, addictions, mental illness, crime, injuries - Alcohol $\rightarrow$ Cirrhosis, mental illness, violence, injuries, crime - Inactivity $\rightarrow$ Obesity, poor health, disability - Salt $\rightarrow$ Hypertension, cardiovascular problems - Sex ightarrow STD's, unwanted pregnancy, Fetal Alcohol Syndrome Smoking → Cancer, COPD, bronchitis, injuries

#### **Know Your Personal Numbers**

- Blood Pressure (115 / 75)
- · Thyroid Stimulating Hormone
- · Cholesterol
- Waist Size (At belly button: men < 40 in, women < 37 in)
- 10,000 steps a day
- · Resting heart rate (60 in the am)
- · C-reactive protein
- · Vitamin D level
- · Blood sugar
- 7-8 hours of sleep every night

#### **Super Healthy Foods**

- Walnuts
- Turkey
- Wild salmon
- Spinach
- Blueberries (dark
- Broccholi
- colorful fruits)
- Spices
- Tomatoes
- · Olive oil
- Omega-3 eggs
- Green tea
- Yogurt
- Pumpkin (colorful vegetables)

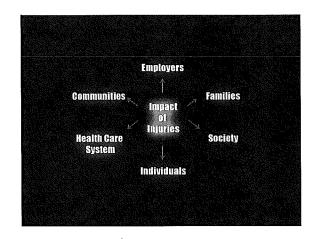
# Let's Now Review the Injury Problem

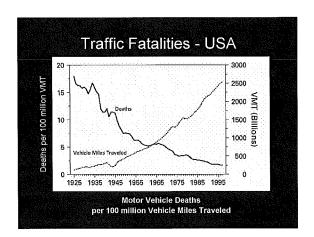
- · Let's review what injuries are
- · Let's discuss how we can approach the issue
- · Let's review the concept of safety culture

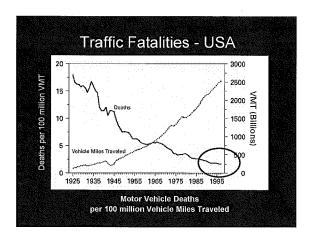


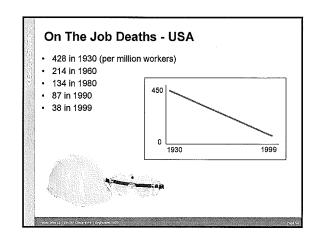
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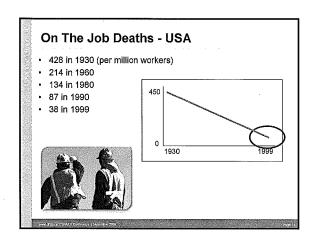


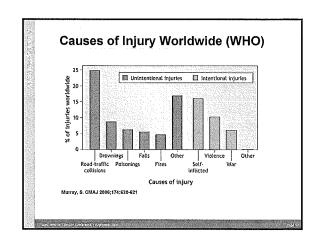


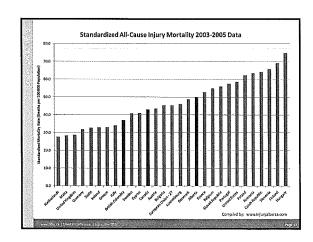


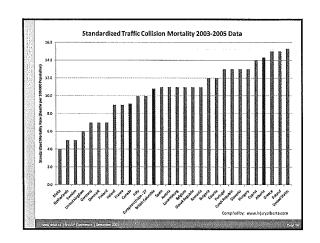


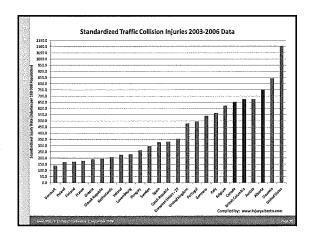


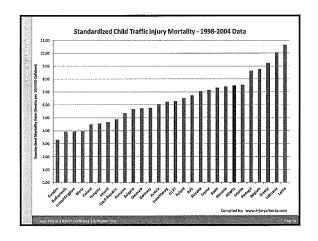








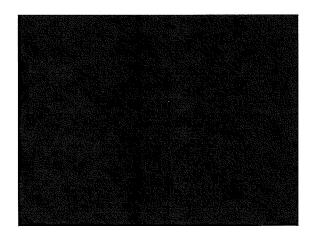


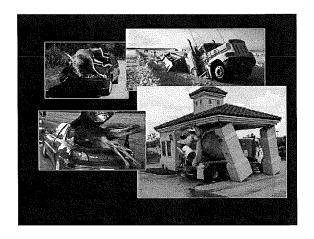


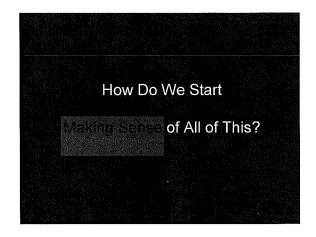
#### "911, What is Your Emergency?"

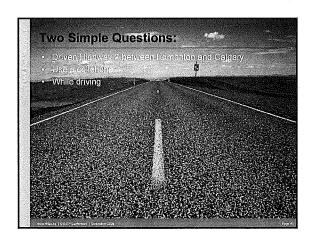
- "...the dog bit my son in the face and he's bleeding..."
- "...there's been a terrible car crash and 3 people are trapped inside the burning vehicle..."
- "...I came home and my 16 year old daughter is on the floor not breathing and there's a bunch of pills all over the place..."
- "...my grandma slipped on the ice and she can't get up..."
  "...some boys have fallen through the ice into the river..."

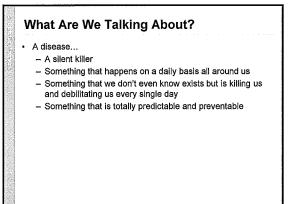


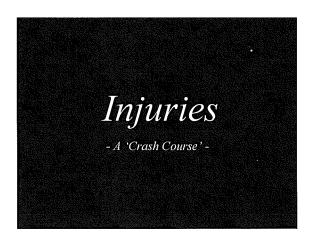


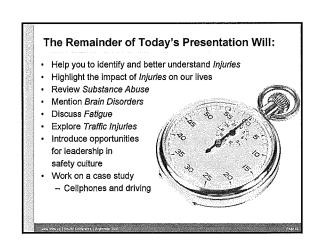


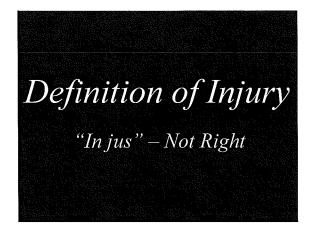


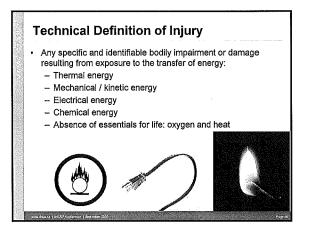




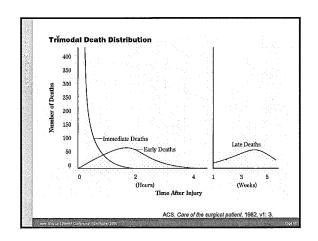


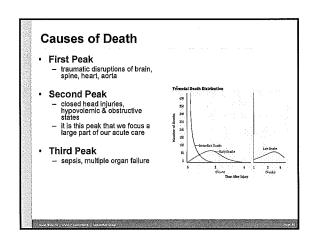


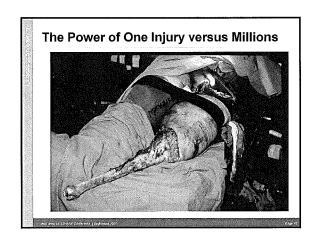


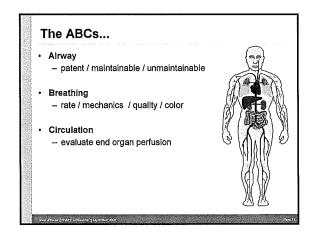


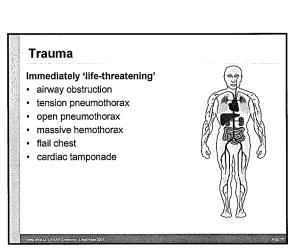
# How do People Die From Injuries? There are 3 kinds of people in the world: those who can count and those who can't.

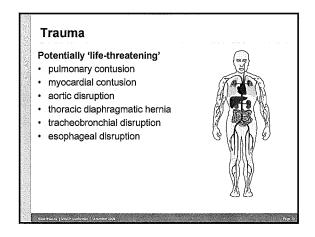


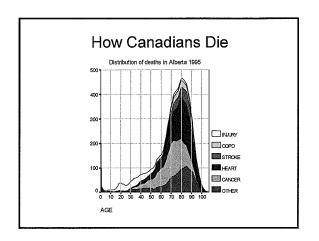


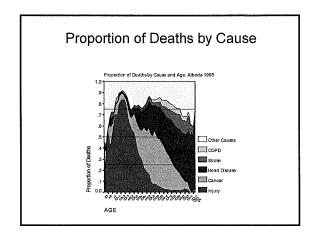


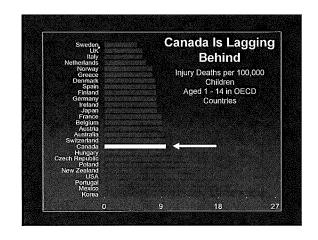


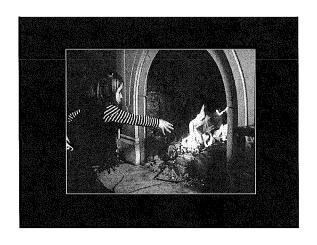


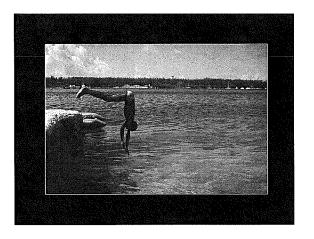


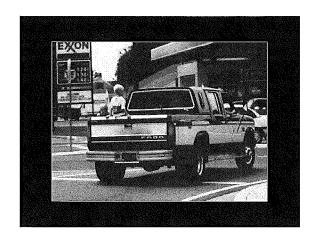


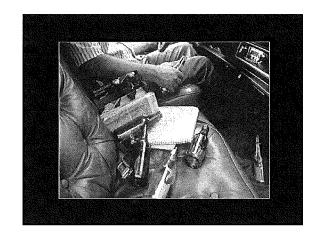


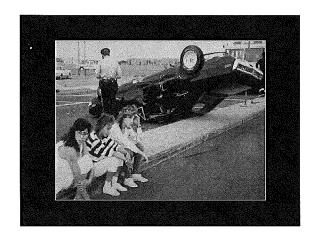




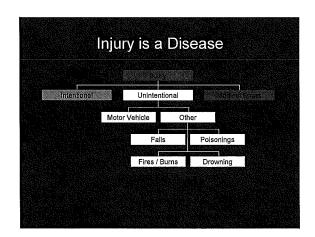


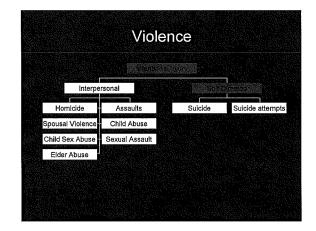












#### Society's View of Injuries

- · It was an "accident"
- · It was a "freak accident"
- · He (she) lived a good life
- · Their ticket was up
- · What can you do?
- · An act of God
- · Being in the wrong place at the wrong time
- · I never thought it could happen to me

#### How Do We Make Sense of This?

- · Every year in Canada
  - Almost 14,000 people die as a result of injury
    - That's about 38 people a day, every single day
  - Over 200,000 people suffer injuries and are hospitalized as a result



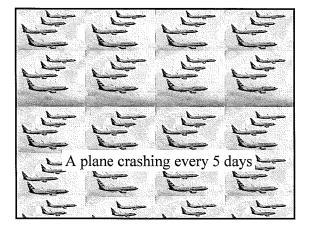




#### **Injury Compression**

- In 2002 13,477 Canadians died from injuries
- 13,477 / 365 (days/year) = 37 people per day
- Deaths at World Trade Centre on Sept 11<sup>th</sup> 3,047 / 37 = 82 days
- Every 82 days in Canada we lose the same number of folks as on September 11, 2001
- · Where is the outrage?

13,477 / 189 = 71 planes

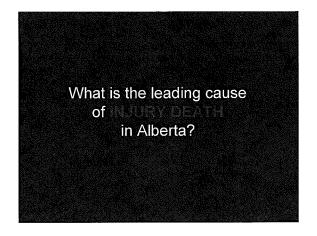


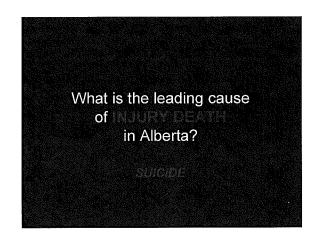
#### Alberta's Injury Problem:

- Every hour of every day, 45 Albertans are unintentionally injured.
- Each day, 24 people are either killed or permanently disabled in Alberta as a result of preventable injuries.
- The total annual cost of unintentional injuries to Alberta is \$1.8 billion.
- Injury is the leading cause of death among Albertans under the age of 44.

Source: The Economic Burden of Unintentional Injury in Alberta, 2002 ACICR SPSS Injury Dalaba.

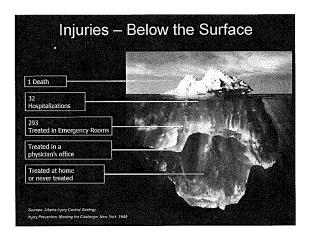
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#### **Injury Deaths Breakdown**

- 1. Suicide 450
- 2. Motor Vehicle Related 420
- 3. Overdose Accidental Poisonings 320



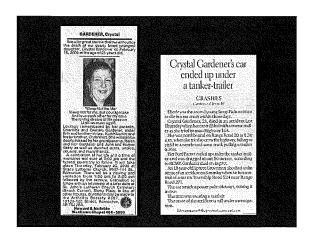
#### Let's Put This into Perspective...

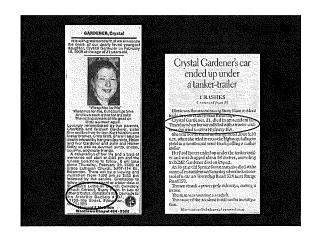
- · Every year in Alberta,
- Over 1,500 people die as a result of injuries
- Over 24,000 people are hospitalized as a result of injuries
- Over 420,000 people are treated in our emergency rooms for injuries
- The number of motor vehicle fatalities increased by



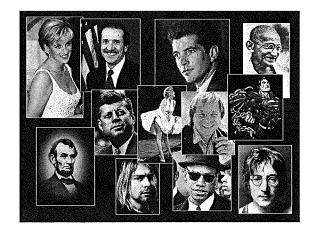
20.4% from 2004 to 2005.

If This is an Important Issue... When was the last time you were asked to donate dollars or time for injury research / prevention? Then why is there no "Injury Society" like we have for other diseases like Cancer, Diabetes, Lung Disease, Heart and Stroke, etc.?











#### **Famous Injury-Related Deaths**

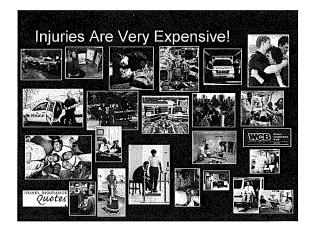
- · Princess Diana (36) Car crash
- Sonny Bono (63) Skiing head injury
- John F. Kennedy Jr. (39) & John Denver (54) Plane crash
- Abraham Lincoln, Ghandi (79), John Lennon (40) & John F. Kennedy, Malcolm (39) – Assassination / murder
- Kurt Cobain (27) & River Phoenix (23) Suicide
- Marilyn Monroe (36) Suicide / homicide?
- Christopher Reeves Horseback riding related fall injury
- Michel Trudeau (23) Skiing / avalanche

en deur 1930 Granne (der 2000)

#### Famous Injury-Related Deaths

- Brian Jones (27) Drowning in swimming pool (homicide?)
- · Jim Morrison (28) Drug overdose
- Tim Horton (44) Single vehicle crash, impaired driving?
- Rasputin (44) Poisoned, shot, beaten, drowned
- Jimi Hendrix (28) Choking on vomit (overdose drugs/alcohol)
- Vincent van Gogh (37), Sylvia Plath (?), & Virginia Woolf (59) - Suicide
- Buddy Holly (23) & Patsy Cline (30) Plane crash
- John Belushi (33), Chris Farley (33), Judy Garland (47), & Hank Williams (30) - Overdose drugs/alcohol

mediate USP Colores Company (1)



#### **Annual Costs of Injury**

- Total annual cost of unintentional injury in Canada > \$14 billion
- Total annual direct cost of unintentional injury in Alberta - \$1.8 billion



www.miss.co. (SIMP) contents (September 2009)

# Tough Problem: Tough Talk

Substance Abuse in Society

#### **Broad Drug Groups of Abuse**

- Alcohol
- Tobacco
- · Illicit drugs
  - Cannabis
  - Opiates
  - Barbiturates
- · Licit drugs

#### Alcohol: 100% Attributable

- · Alcoholic psychosis
- · Alcohol dependence
- · Alcoholic polyneuropathy
- · Alcoholic cardiomyopathy
- · Alcoholic gastritis
- · Alcoholic liver cirrhosis
- · Ethanol toxicity
- · Methanol toxicity
- · Other alcohol poisonings

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