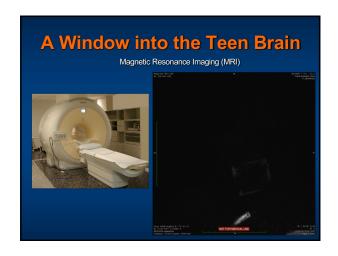


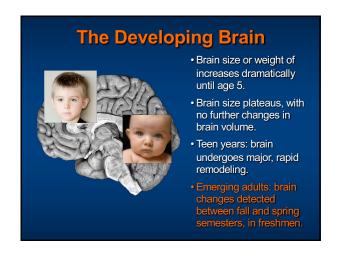
Poll Question

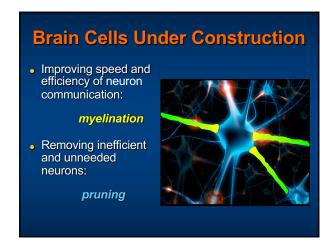
For your professional development:
What area do you identify as reflecting your greatest need for new information:

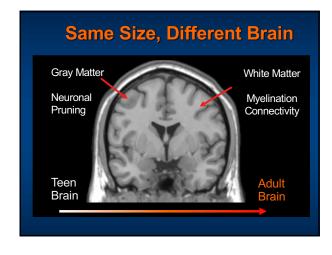
A. Substance Use/Addiction
B. Psychiatric Illness/Mental Health
C. Maintenance of Well-Being
D. Other

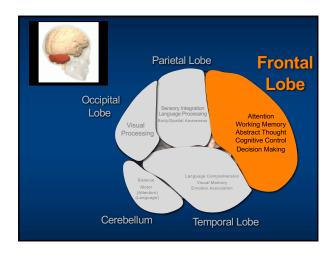


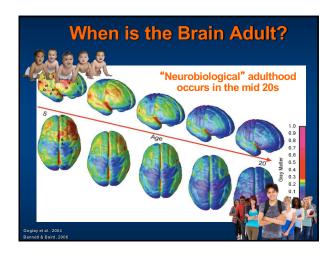


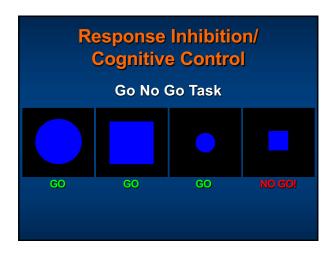


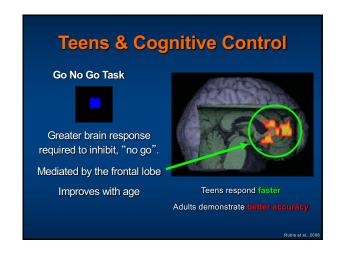


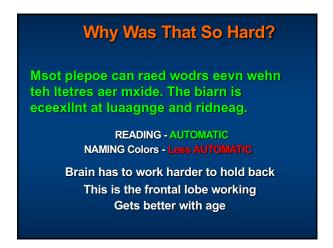


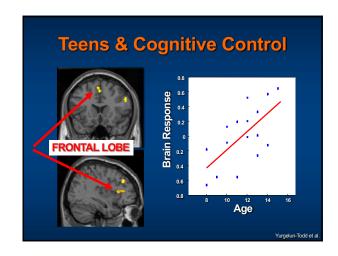


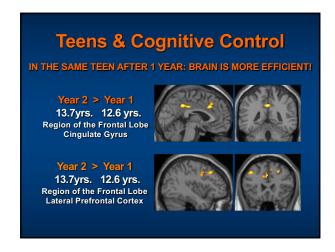


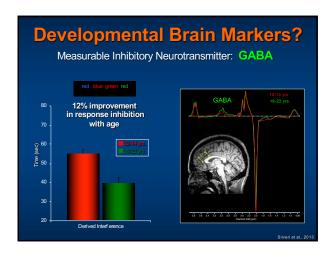


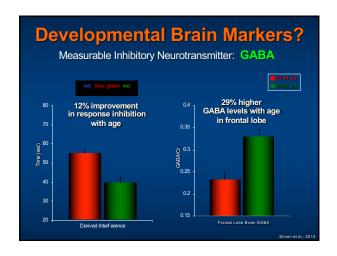


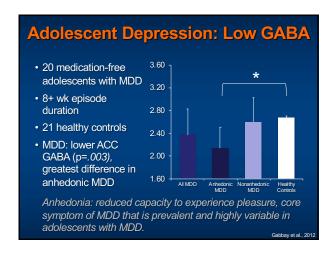


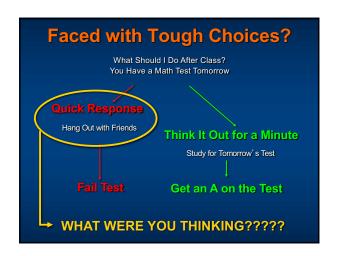


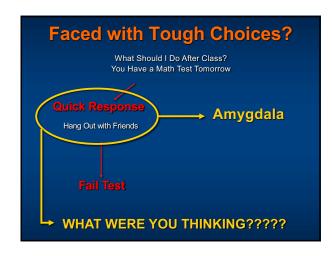




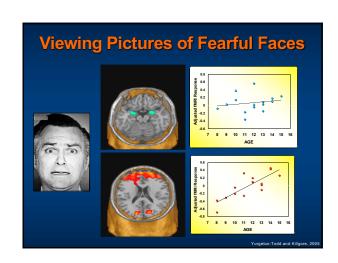


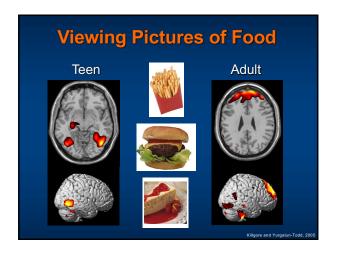






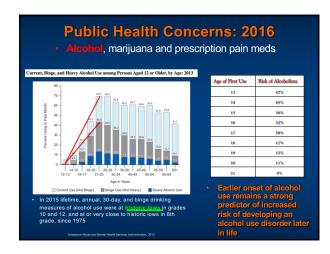


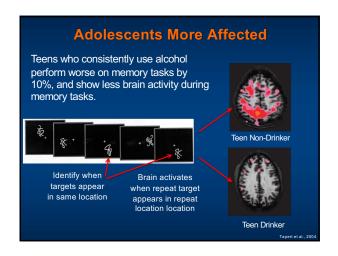


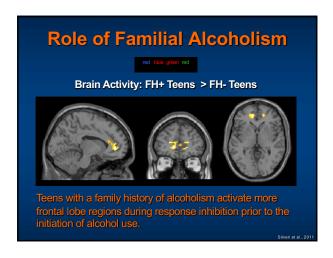


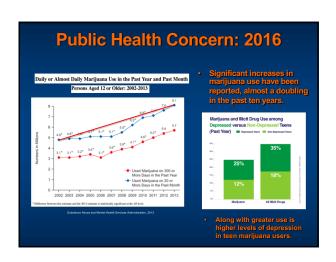
In the Face of Tough Choices

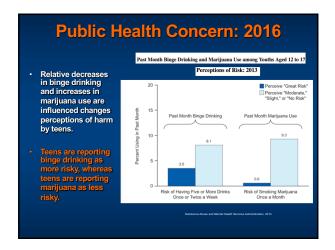
- Frontal lobe provides inhibitory control over the more rapid amygdala responses.
- Brain developmental changes help improve cognitive control, which is coming online as teens are faced making difficult decisions and navigating emotional responsiveness.
- Brain changes are ongoing as teens are initiating alcohol and marijuana use.

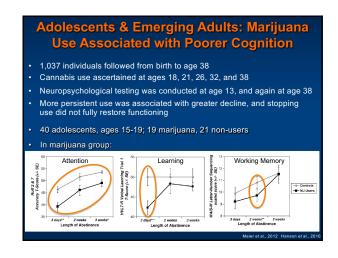


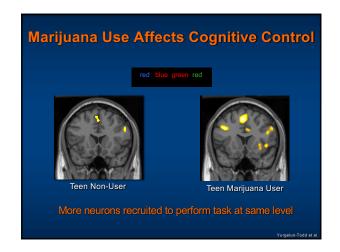


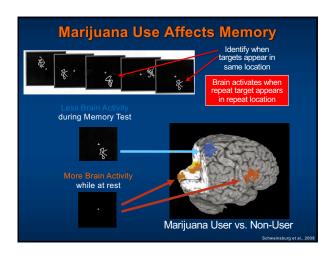


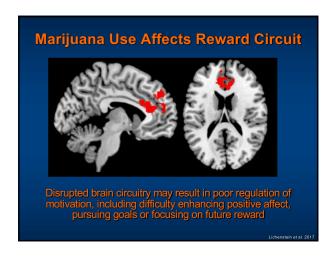


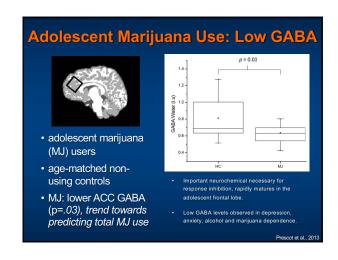


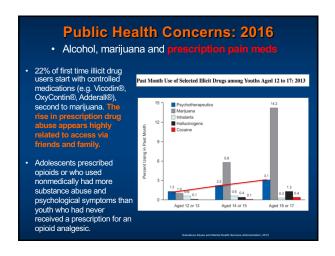




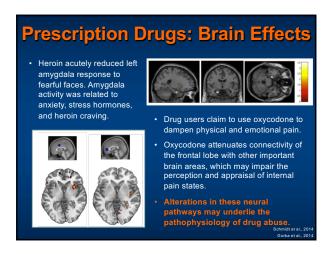


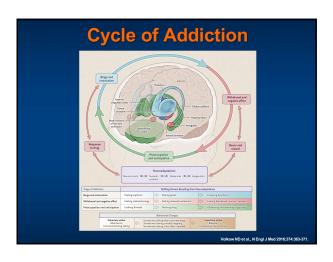




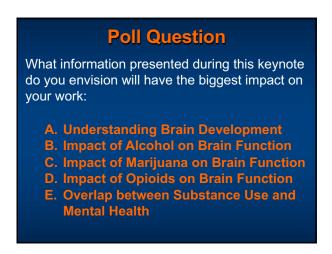


Prescription Drugs: Brain Effects There is very limited data available on the effects of prescription drugs on the human adolescent brain. One study conducted in animals showed that adolescents exhibit greater sensitivity than adults to the rewarding effects of oxycodone, which was indicated as an increased release of dopamine at the lowest dose tested. Greater sensitivity could lead to greater use. Adolescent exposure to the active ingredient in marijuana (THC) recently was shown to be associated with enhanced sensitivity to heroin.













"adolescent", "adolescence", "teen", "teenager"
10/21/08

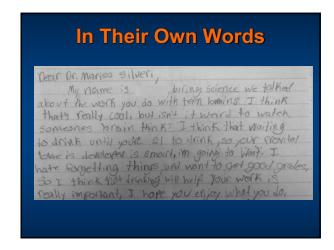
Party a Painful Reminder of Teen Drinking Dangers

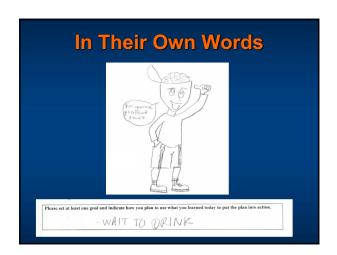
~The Sun Chronicle

The recent death of a 17 year old is another bitter reminder that alcohol and young people do not mix, experts on teenage drinking said Monday.

They said drinking by teenagers brings on a whole host of possible problems ranging from driving accidents, unwanted pregnancies, illness & injury.







Very rapid brain development in a short period of time, second decade of life

Biggest leaps in cognitive abilities occur between ages 10-18 years old

Time when emotions are strong/can be hard to manage

Teen brain more vulnerable to insults such as alcohol and drug use compared to the adult brain, which may be further elevated by family history

By sharing science, we can help teens protect the brain, which will lead to better decision making

