

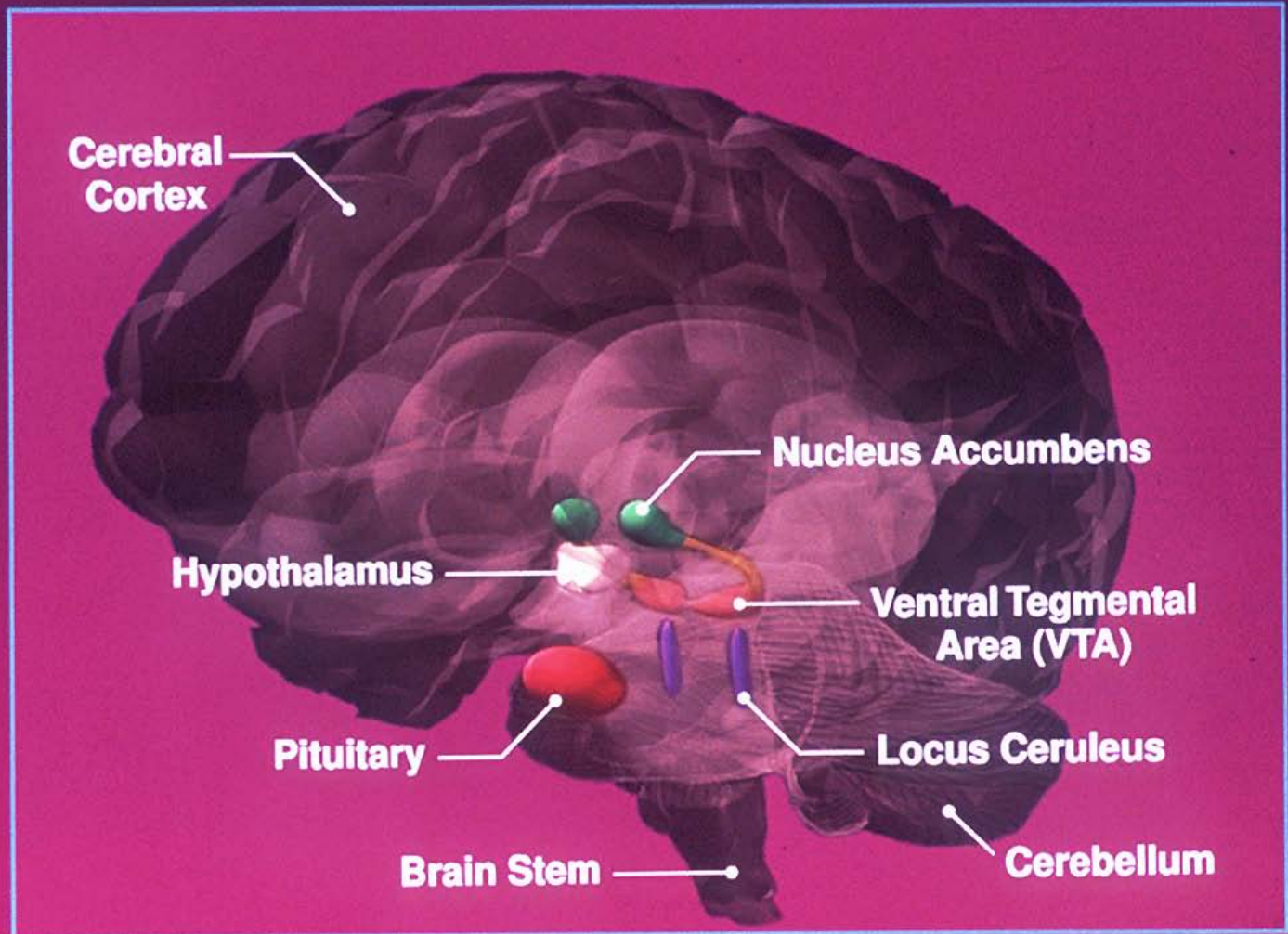
# Addictions



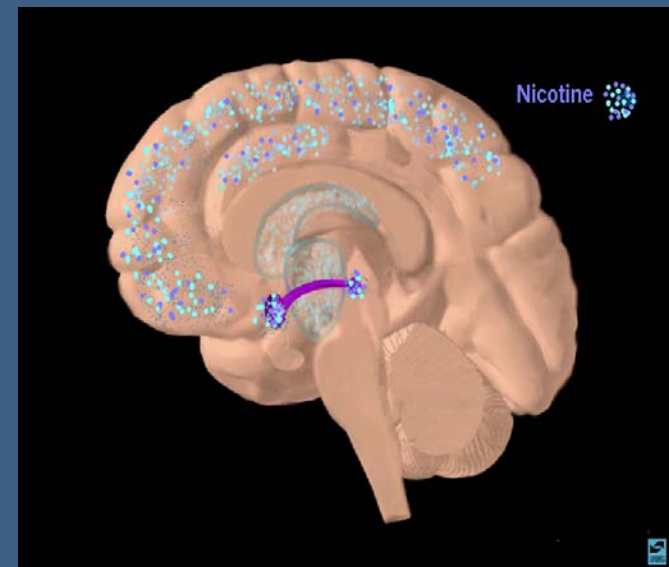
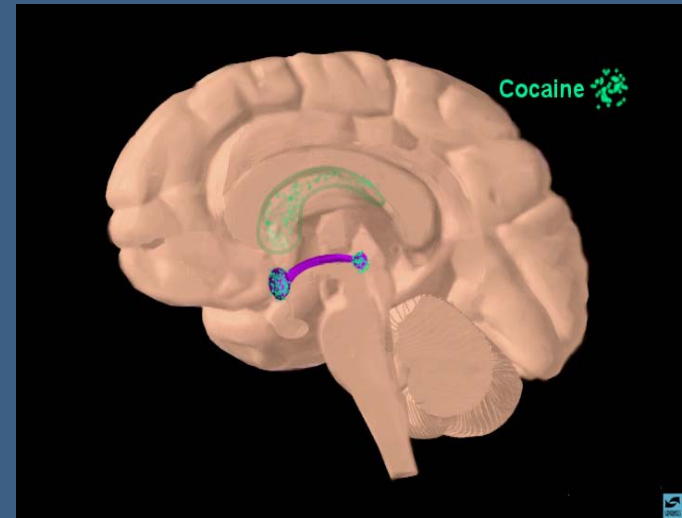
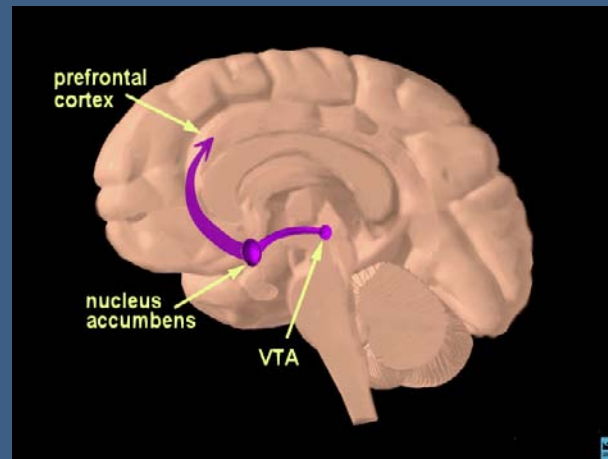
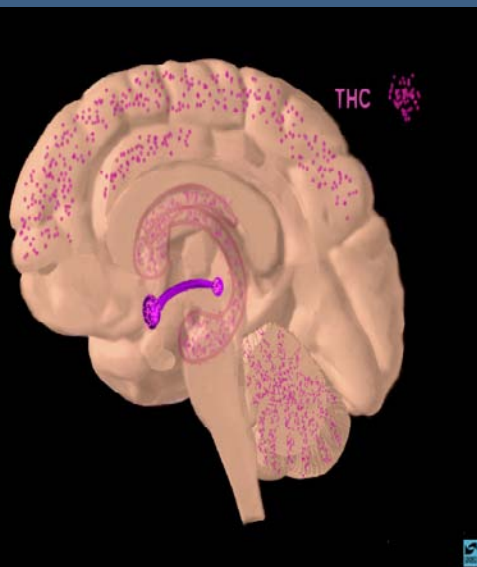
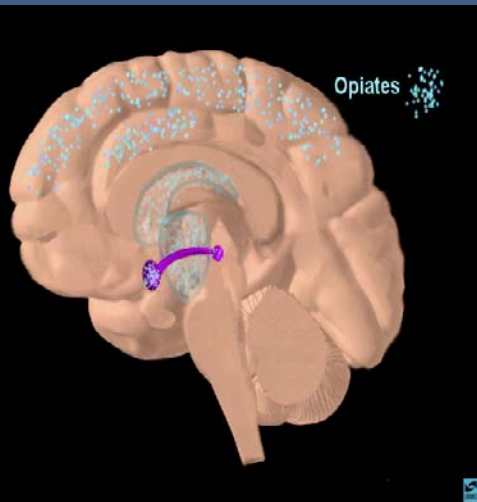
**Abboud Antoine Assaf**  
Availability Amability Ability

# Biology of Addiction

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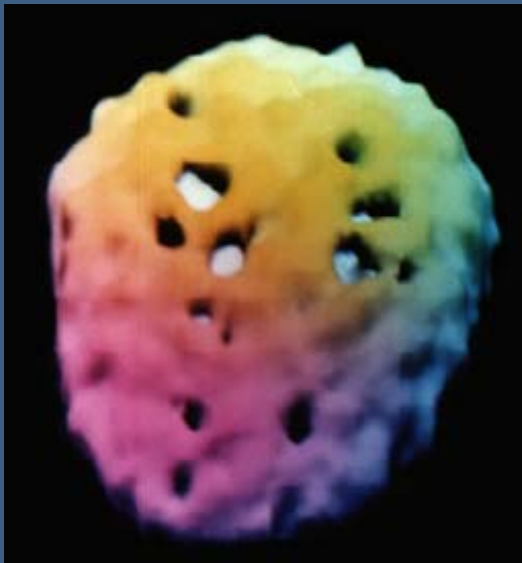
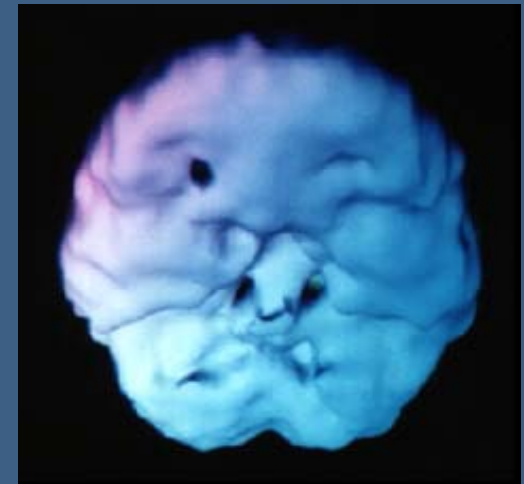
# All drugs are basically the same... They stimulate the brain circuit of **pleasure**...



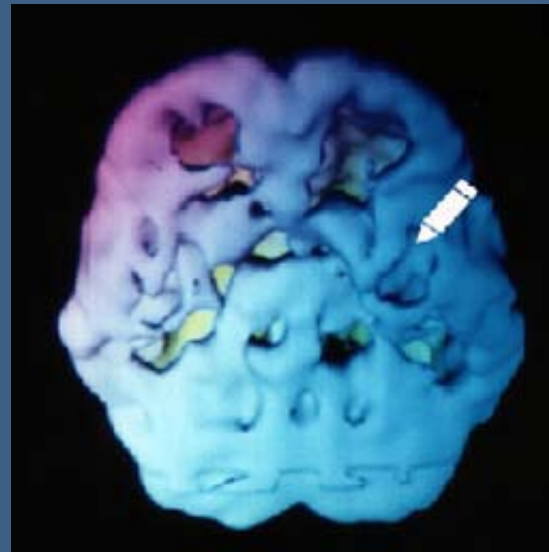


# Drugs **destroy** your brain

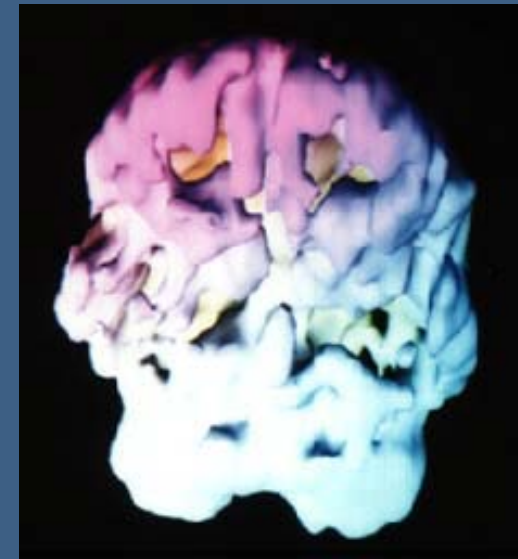
Normal



Cocaine, 2 years

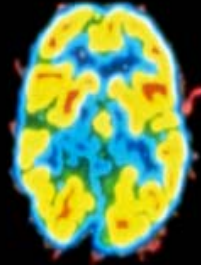
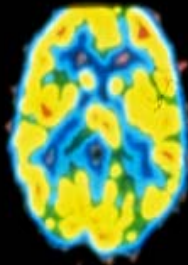
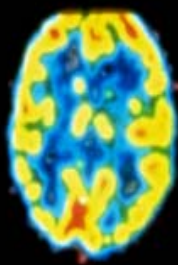


Marijuana, 12 years

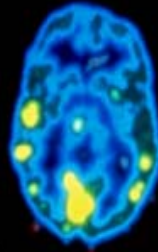
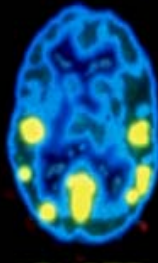
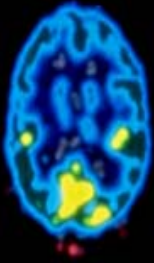


Alcohol, 25 years

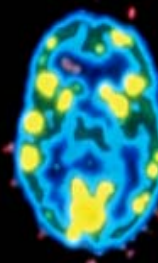
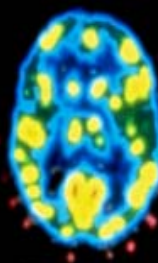
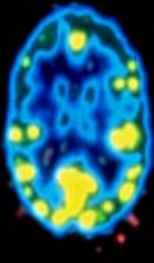
# Drugs slow your brain...



Normal



Cocaine Abuser (10 Days abstinence)



Cocaine Abuser (100 Days abstinence)

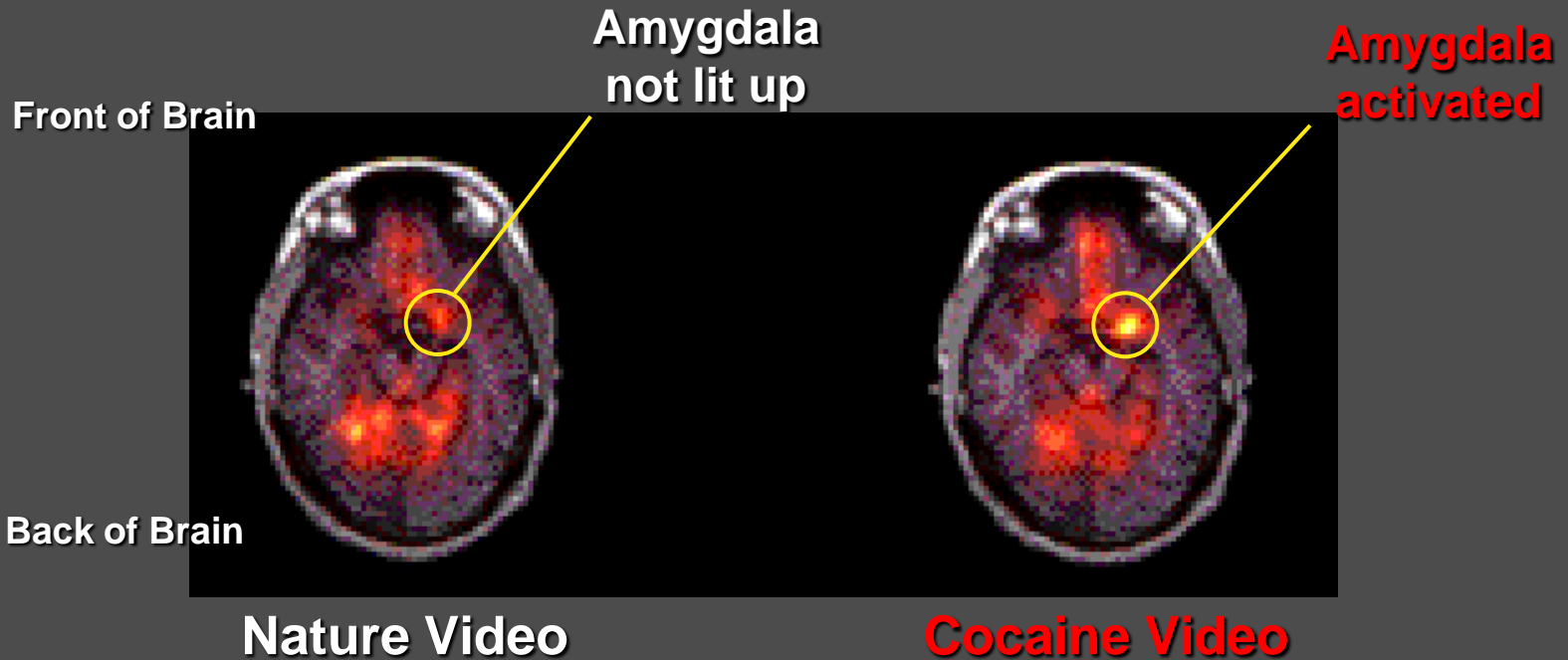


**Red:**  
high  
activity



**Blue:**  
low  
activity

# The Memory of Drugs

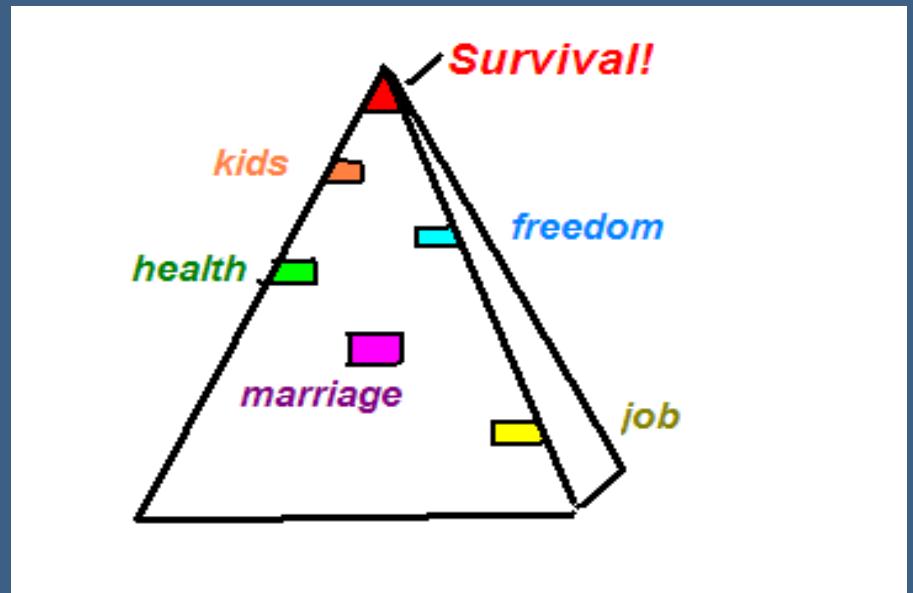
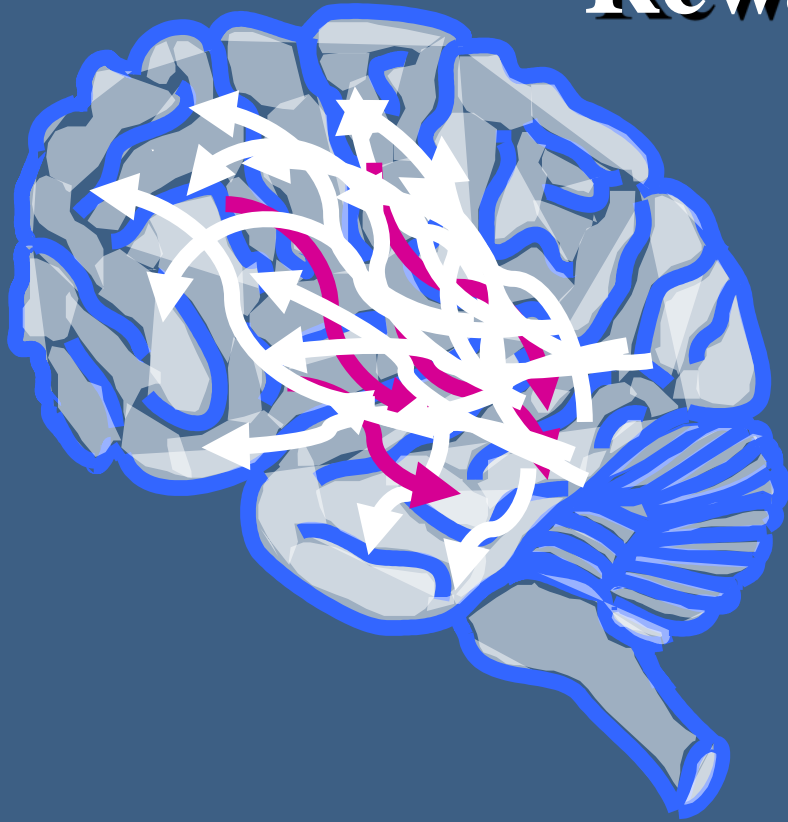


# Drugs **Hijack**

## Reward Brain Circuits

## and Subsequent

## Motivational Priorities



# Probability of dependence after you have used the substance once

<b>Tobacco</b>	<b>32%</b>
Heroin	23%
Cocaine	17%
Alcohol	15%
Stimulants	11%
Anxiolytics	9%
Cannabis	9%
Analgesics	8%
Inhalants	4%