



Unit 2: Addiction 101



STANFORD
UNIVERSITY

In this presentation:



Definition of Addiction



Addiction Physiology



Addiction Myths



Effects of Addiction



Definition of Addiction

Pair-Share Brainstorm



How do *you* define “addiction”?

Give examples

What is Addiction?

“Addiction is defined as a chronic, relapsing brain disease that is characterized by compulsive drug seeking and use, despite harmful consequences.[†] It is considered a brain disease because drugs change the brain—they change its structure and how it works. These brain changes can be long-lasting, and can lead to the harmful behaviors seen in people who abuse drugs.”

-NIDA

What is Addiction?

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What is Addiction?

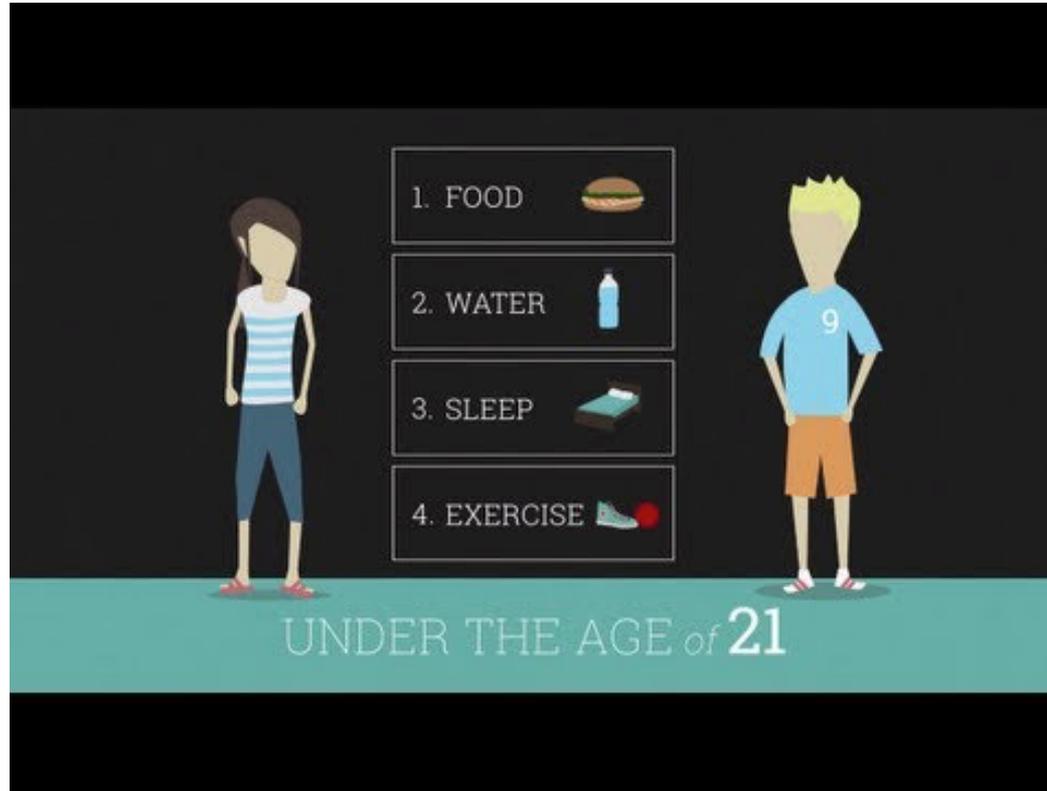
“Addiction is a long-term disease where an individual has an overwhelming desire to find and use drugs, even though there are dangerous consequences. It is considered a brain disease because drugs change the brain—they change its structure and how it works. These brain changes can be long-lasting, and can lead to the harmful behaviors seen in people who abuse drugs.”

-NIDA

What is Addiction?

“Addiction is a long-term disease where an individual has an overwhelming desire to find and use drugs, even though there are dangerous consequences. Addiction is a disease because it can result in long-term changes in the brain structure, function, and behaviors caused by drug use”

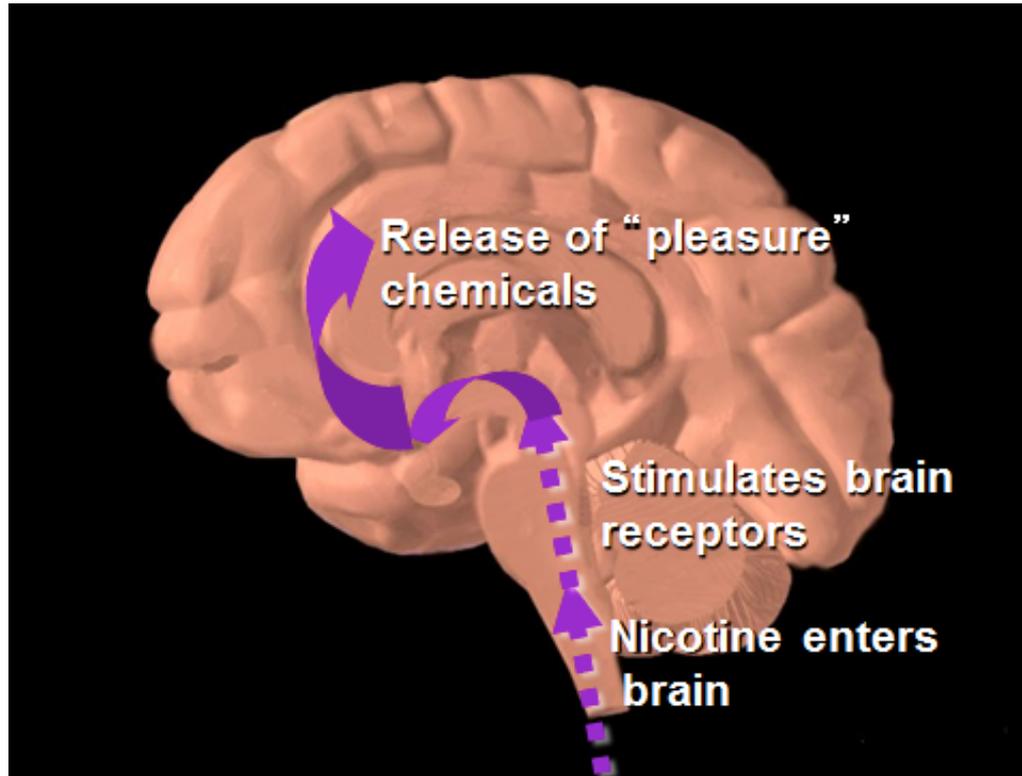
Understanding Addiction as a Disease (Wait21)





Addiction Physiology

Reward Pathway



Increase in Tolerance Over Time



Summary of Addiction Physiology





Addiction Myths

Common Ideas Brainstorm



When you hear the word
“addiction”, what things come to
mind?

Myths About Addiction

MYTH	RESPONSE
1. “Addiction is just a lack of self control”	1.
2. “If I only use a drug occasionally then I can’t be addicted.”	2.
3. “It’s always easy to tell when someone is addicted to a drug.”	



Short Term and Long Term Effects

How Addiction Changes Your Brain (CNN)

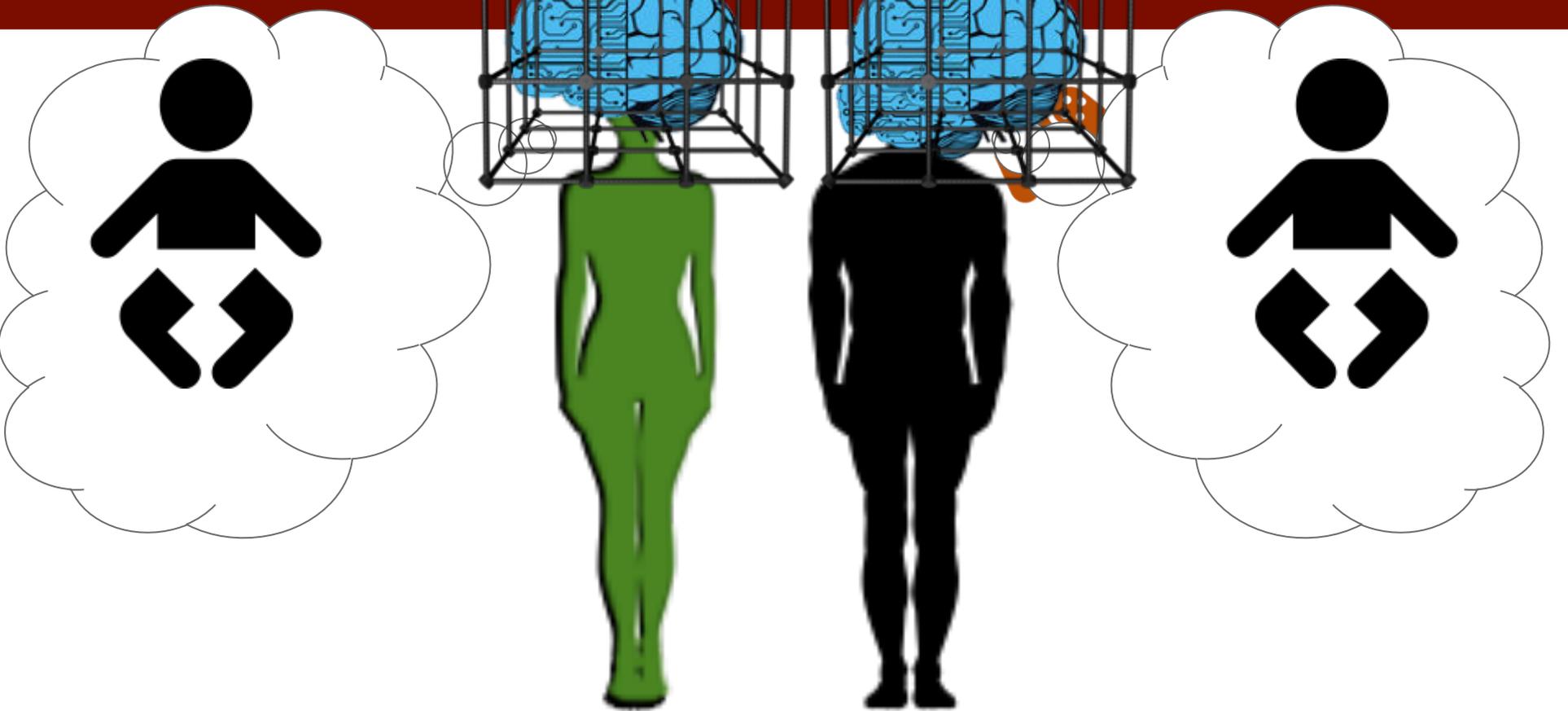


Effects on Loved Ones



Letter Writing Activity

Health Effects



Unit Quiz

