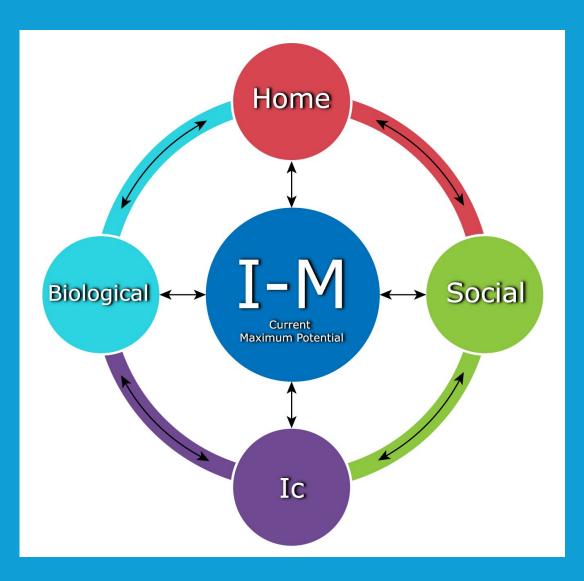


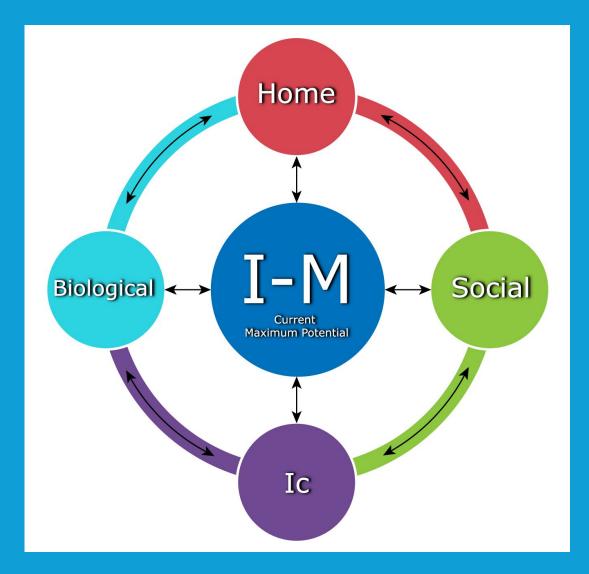
Everyone wants to feel valuable

JOSEPH SHRAND, MD

The definition of an I-M is a CURRENT MAXIMUM POTENTIAL This is who |-M|This Is Me And **I** Matter

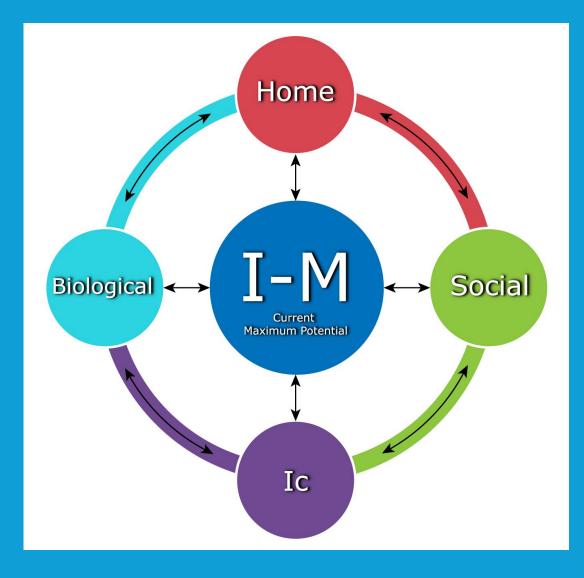


Look again Again look Again = re Look = spect I am going to *Re-spect* Why people do what they do.

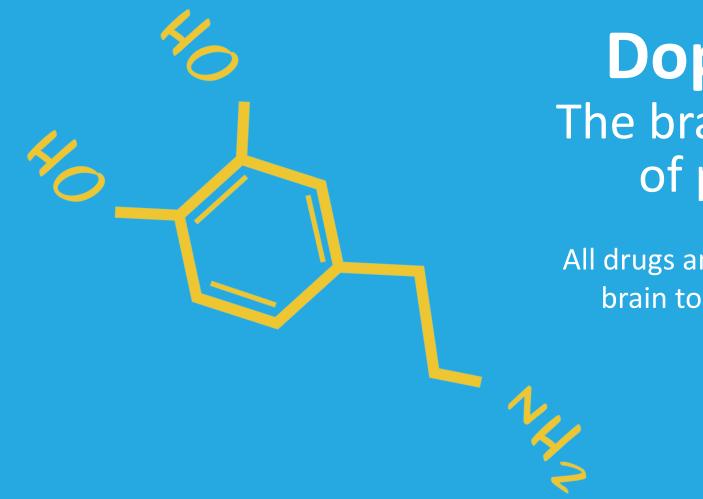


Respect leads to value

And value leads to trust



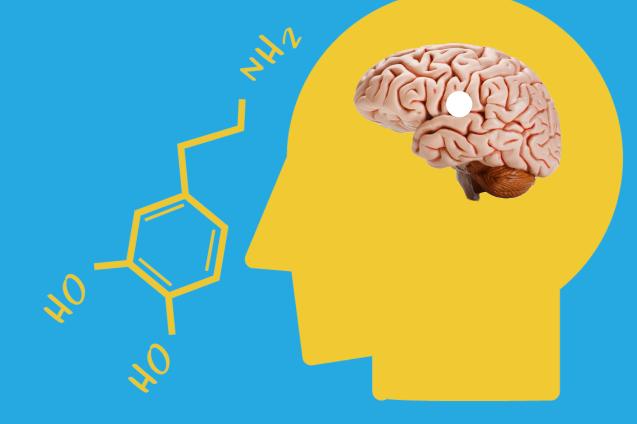




Dopamine The brain chemical of pleasure

All drugs and alcohol force the brain to make dopamine

Dopamine affects the Limbic System



Feelings
 Impulses
 Pleasure
 Memory
 Addictions

If you start using drugs And alcohol **After the age of 21,** One out of 25 people can become addicted. If you start using drugs And alcohol **before the age of 18,** That number goes from One in 25 to... Guess here!!!

ONE IN FOUR! ONE IN FOUR!



Would you swim with this shark?

Adult: "No way! Are you crazy?" In the adult brain the PFC was lighting up like crazy!!!



Pre Frontal Cortex

1. Thinking 2. Solving problems 3. Taking action 4. Anticipating the consequence of those actions

Would you swim with this shark?



TEENAGER:

"Well...."

In the teenager's brain the limbic system was lighting up like crazy!!

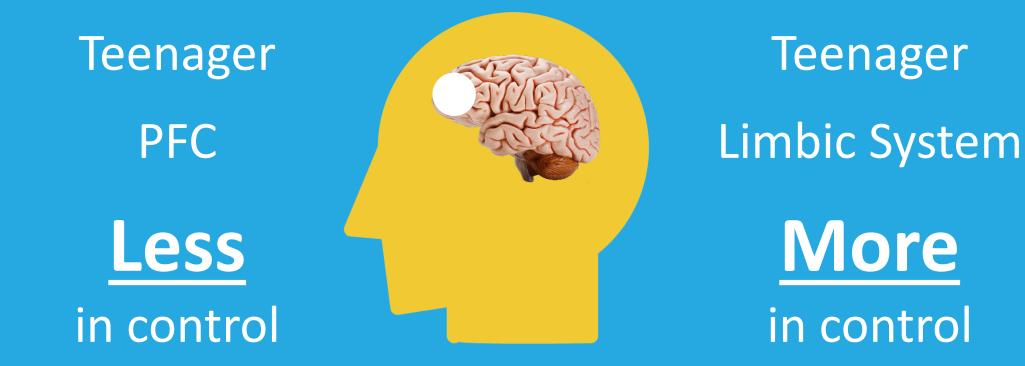
Limbic System:

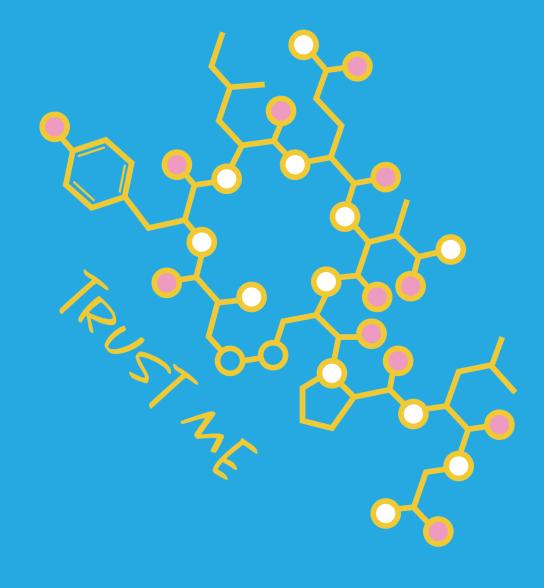
- Feelings
 Impulses
- 3. Pleasure
- 4. Memory
- 5. Addictions





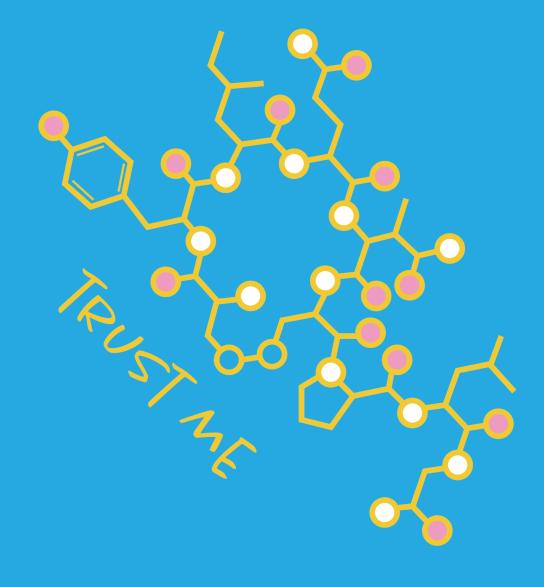
"Well...."





OXYTOCIN The brain chemical of Trust

Dopamine interferes with oxytocin



You can get high but the price you pay is trust. Respect leads to value, And Value leads to Trust.... And the brain chemical of Trust Is Oxytocin

And we know Oxytocin can break the cycle of Addiction...

Four IN FOUR! Four IN FOUR!

ADOLESCENTS WANT THREE THINGS:

1) TO FEEL PLEASURE 2) TO BE SOCIAL 3) TO TAKE RISKS



ADOLESCENTS WANT THREE THINGS:

1) TO FEEL PLEASURE 2) TO BE SOCIAL 3) TO TAKE RISKS

This is a Perfect set-up for Addiction.



ADOLESCENTS WANT THREE THINGS:

1) TO FEEL PLEASURE 2) TO BE SOCIAL 3) TO TAKE RISKS

This is also a Perfect setup for Theater.



"If your brain is going to choose between fear and pleasure, it's going to choose pleasure every time..."

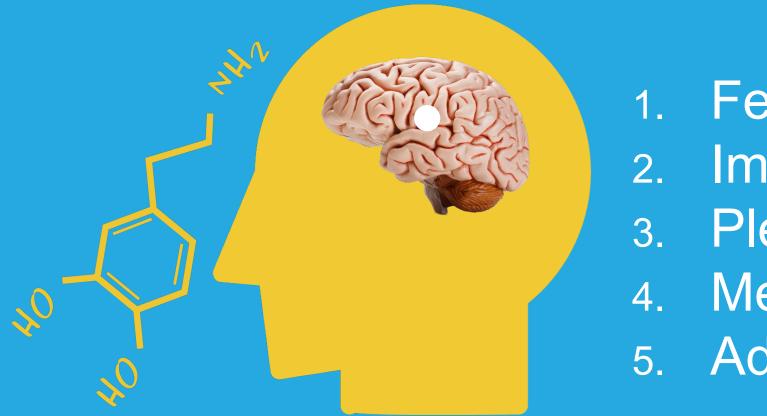






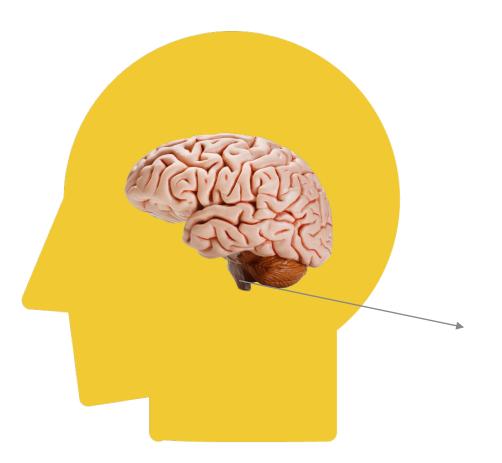


The Limbic System



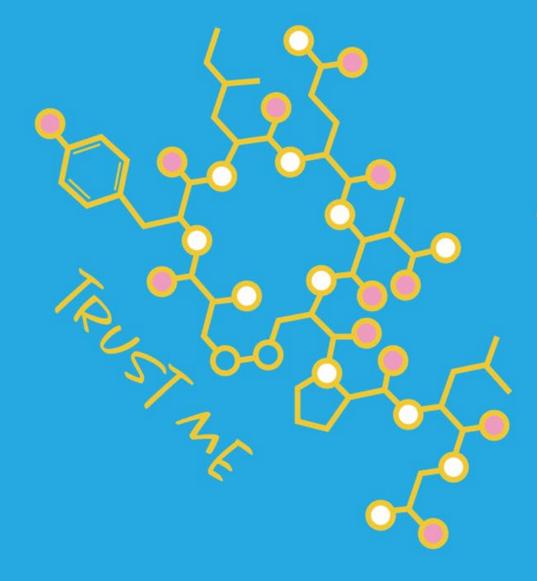
Feelings
 Impulses
 Pleasure
 Memory
 Addictions



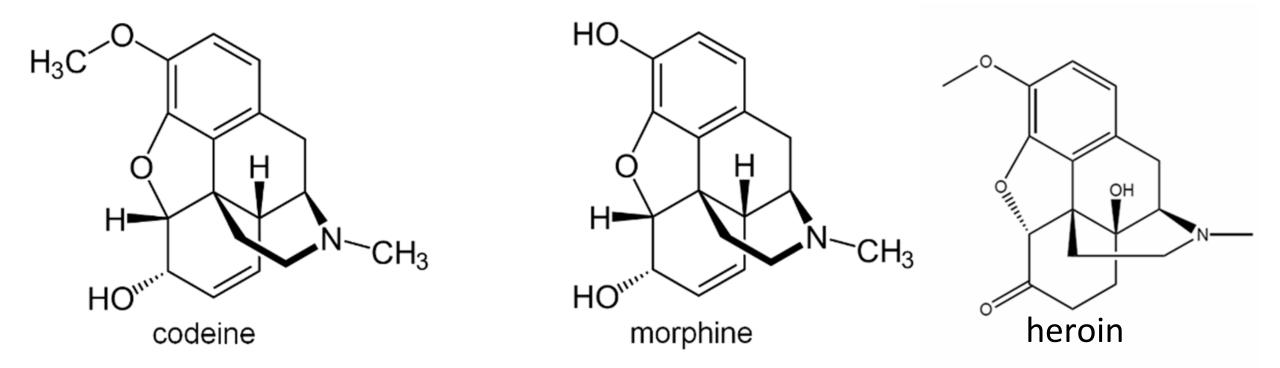


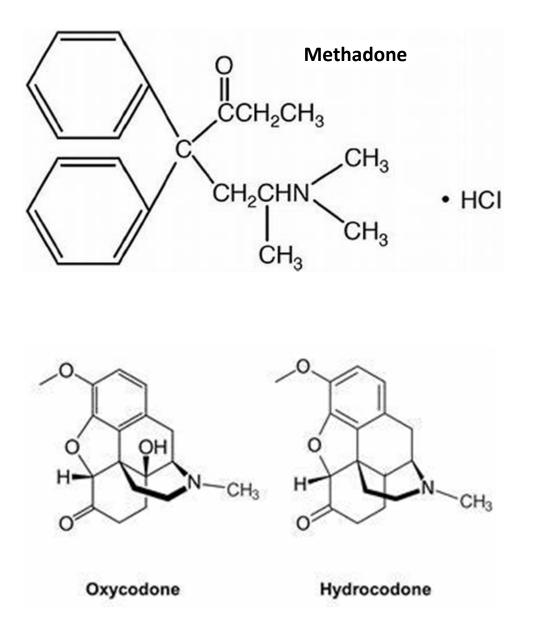
Dopamine The brain chemical of pleasure.

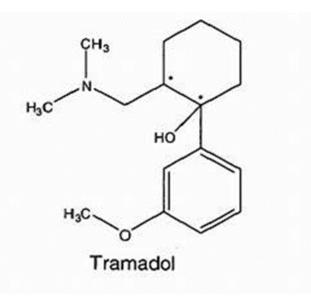
All drugs and alcohol force the brain to make dopamine.

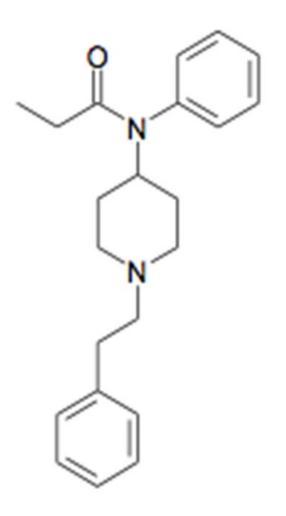


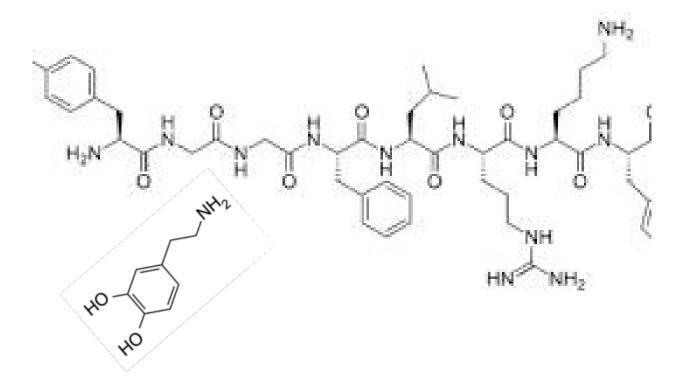
OXYTOCIN The brain chemical of Trust

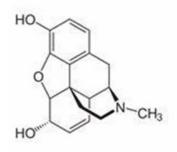




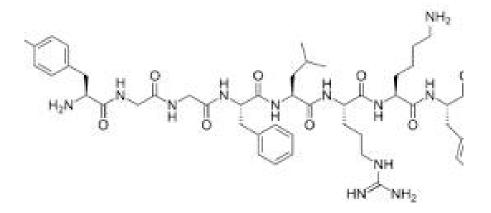




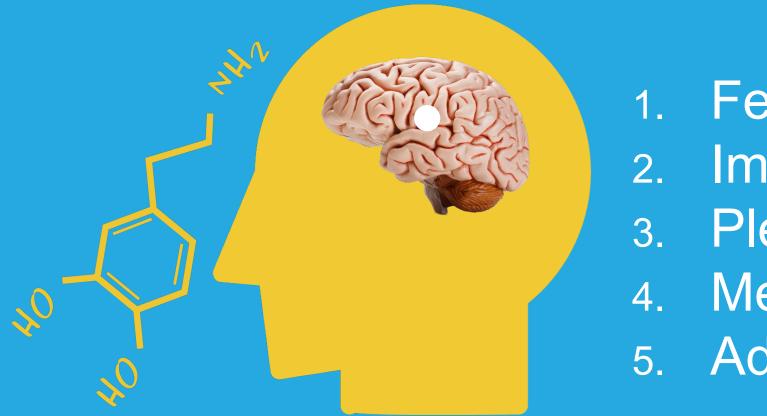




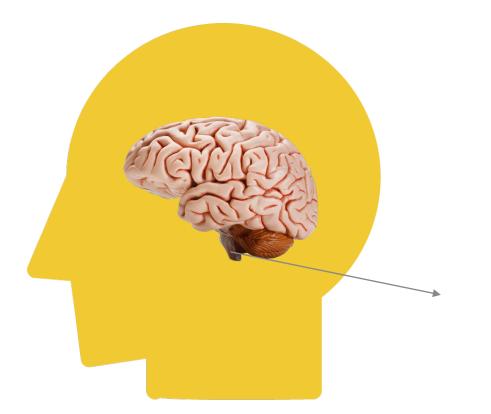




The Limbic System



Feelings
 Impulses
 Pleasure
 Memory
 Addictions

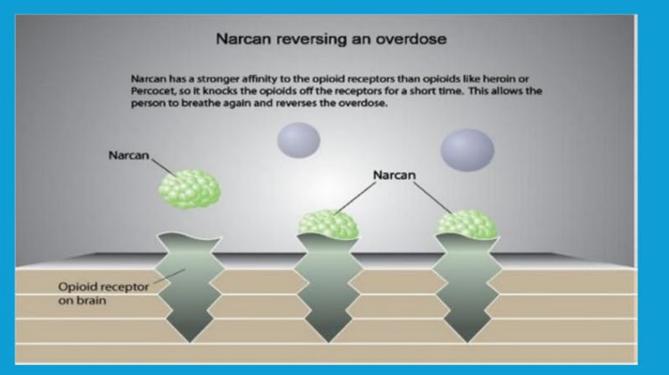


TO THE SHOW



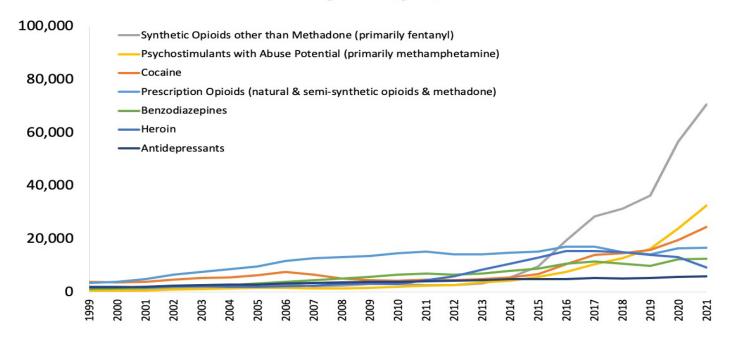
Narcan/Naloxone

- Narcan knocks the opiate off the opiate receptor. (Reversal agent)
- <u>Temporarily</u> takes away the "high," giving the person the chance to breathe.
- Narcan works in 1 to 3 minutes and lasts 30 to 90 minutes. Can be IN, IM, IV. IN dose is 4 mgs.
- Narcan has no side effects other than blocking opiate receptors. Remember that it causes acute withdrawal!
- Narcan can <u>neither</u> be abused nor cause overdose and has <u>no side effects</u>



National Drug Specific Overdose Deaths

Figure 2. National Drug-Involved Overdose Deaths*, Number Among All Ages, 1999-2021



*Includes deaths with underlying causes of unintentional drug poisoning (X40–X44), suicide drug poisoning (X60–X64), homicide drug poisoning (X85), or drug poisoning of undetermined intent (Y10–Y14), as coded in the International Classification of Diseases, 10th Revision. Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Multiple Cause of Death 1999-2021 on CDC WONDER Online Database, released 1/2023.

Heroin/Street Drugs: Laced with Fentanyl became the game changer

- More than 90% of what is supposed to be "Heroin" is actually Fentanyl or Carfentanil (synthetic-manmade)
- Many "Street Drugs" are now being laced with Fentanyl or are Fentanyl disguised as something else
- One kilo of fentanyl is equal to 50 kilos of heroin
- It's concentrated making it hard to find and easy to transport an smuggle into the country





