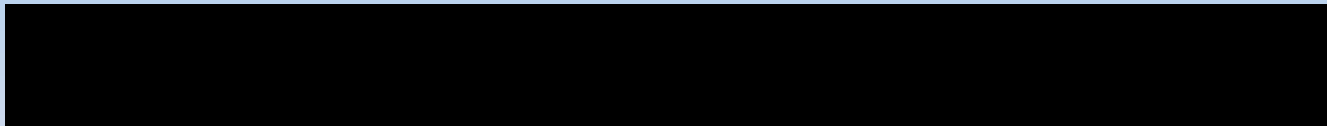


Drugs in Society

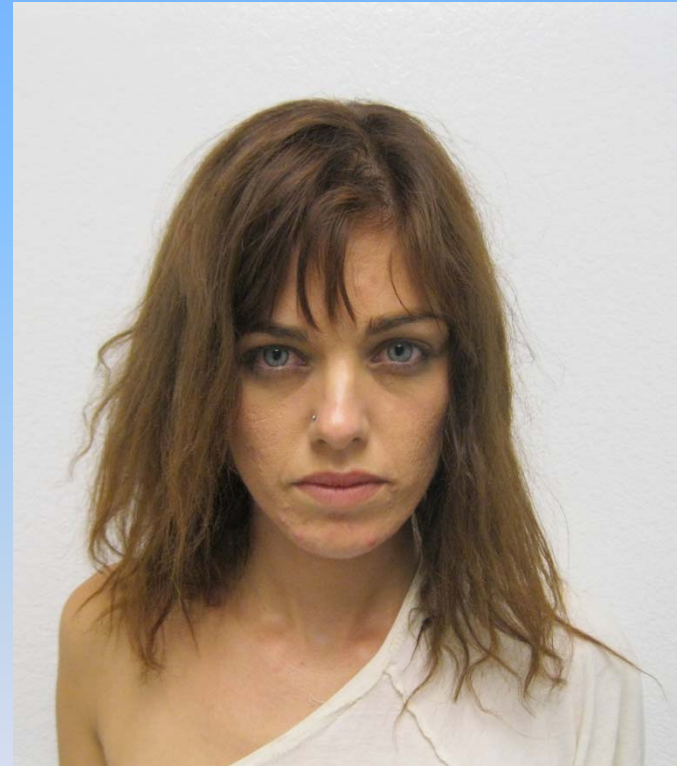
Michael Guerrero



Before & After



Sadie West



Romie Zayak

What is a Drug?

❖ DRE Definition

- **Any substance which, when taken into the human body, can impair the ability of the person to operate a vehicle safely**

What is a Drug?

❖ POST Definition

- **Any substance which can impair a person's ability to function normally**

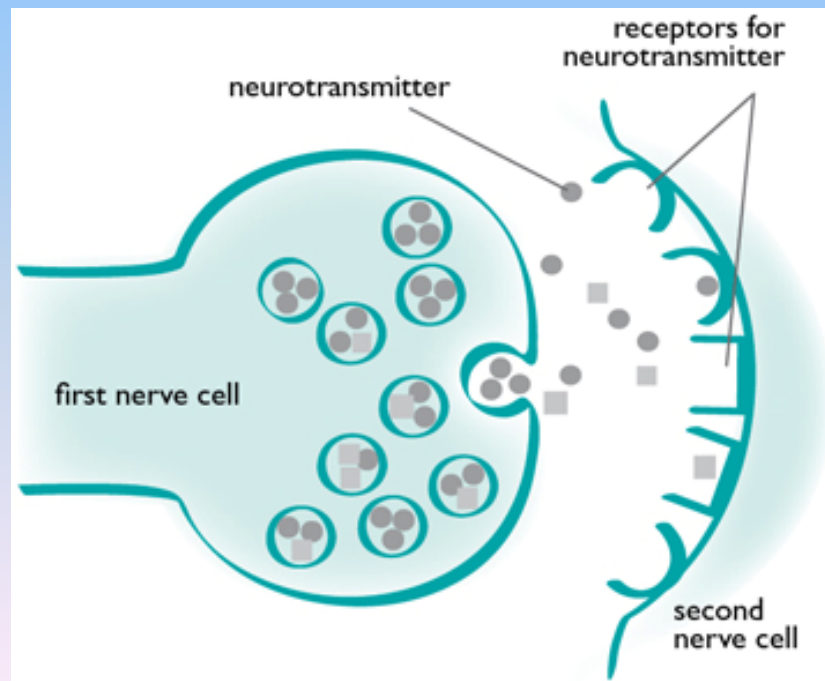
Homeostasis

- ❖ **Self-regulating process by which a biological or mechanical system maintains stability while adjusting to changing conditions**
- **Dynamic Equilibrium**

Neurotransmitters

❖ Chemicals Transmit Nerve Messages

➤ Synaptic Gaps (Two Neurons)



Drug Process

- ❖ **Enters Blood Stream**
- ❖ **Metabolized**
- ❖ **Discharged**

Addiction

- ❖ **Body Accommodates Drug Presence**
 - ❖ **Body Relies on Drug**
 - ❖ **Tolerance Builds**
 - ❖ **High Dosage Needed**
 - ❖ **Body Physically Addicted**
- **Negative Feedback**

MURDERS, INC.

❖ Muscular

❖ Reproductive

❖ Urinary

❖ Skeletal

❖ Respiratory

❖ Integumentary

❖ Digestive

❖ Nervous *

❖ Endocrine

❖ Circulatory *

Seven Drug Categories

❖ **CNS Stimulants**

❖ **Narcotic Analgesics**

❖ **CNS Depressants**

❖ **Inhalants**

❖ **Hallucinogens**

❖ **Cannabis**

❖ **Dissociative Anesthetics**

Null Effect

If Neither Drug Affects some Particular Indicator of Impairment, their Combination also will not Affect that Behavior

Nothing

+

Nothing

=

Nothing

Overlapping Effect

If One Drug Affects Some Particular Indicator of Impairment and Another does not, their Combination also will Affect that Behavior



Additive Effect

If Both Drugs Affect Some Particular Indicator of Impairment, their Combination also will Affect that Behavior



Antagonistic Effect

When Two Drugs Affect some Indicator in exactly the Opposite Way, their Combination will Result in an Unknown Manner



Laws – Under the Influence

❖ 11550(a) H&S

❖ 647(f) PC

❖ 23152(e) VC

❖ 4573(a) PC

