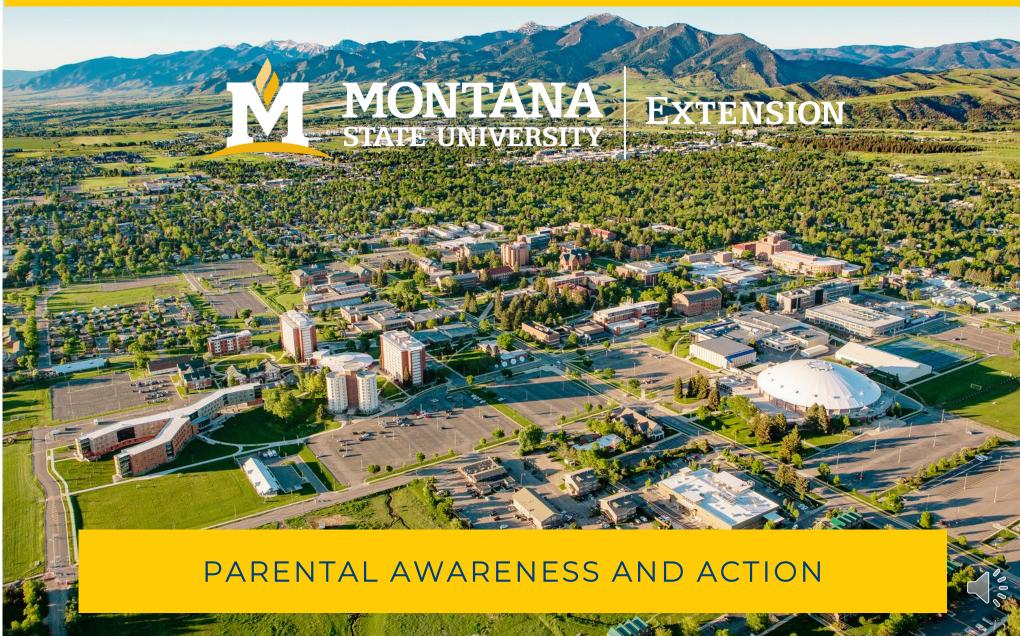
PRESCRIPTION OPIOID ANISTIMULANT PREVENTION TOOLKIFOR RURAL YOUTH





MEET THE PROJECT TEAM

The following Montana State University faculty and staff created the content of this parent module

- Michelle U. Grocke-Dewey, Ph.D. Principal Investigator, Assistant
 Professor, Health & Human Development, MSU Extension FCS Health &
 Wellness Specialist
- Alison Brennan, Ph.D. Principal Investigator, Assistant Professor, Health
 & Human Development, MSU Extension FCS Mental Health Specialist
- Sandra J Bailey, Ph.D., Professor Emeritus, Montana State University.
- Barbara Allen, M.S. Program Director, MSU Extension Associate Specialist
- Jennifer Munter, Program Manager, MSU Extension





LEARNING OBJECTIVES

At the conclusion of this module, we expect participants will be able to:

- Understand why opioids and stimulants are of concern
- Understand the basics of adolescent development
- Identify risk and resilience factors related to opioid and stimulant use in youth
- Recognize signs of opioid and stimulant use in youth
- Start conversations with youth suspected of using opioids or stimulants
- Identify strategies for being an advocate for youth in your community





The Blackfeet Nation's Plight Underscores the Fentanyl Crisis on Reservations

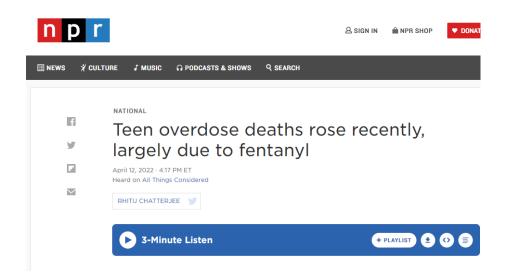


CONCERN

WHY IS THERE SO MUCH CONCERN ABOUT OPIOIDS AND STIMULANTS IN RURAL AREAS?

READ BOZEMAN DAILY CHRONICLE FULL ARTICLE

IS THERE REALLY A PROBLEM FOR OUR YOUTH?



LISTEN TO NPR RADIO 3-MINUTE AUDIO





WHAT AREOPIOIDS



Oxycodone Fact Sheet (DEA.GOV)

Hydromorphone Fact Sheet (DEA.GOV) <u>Morphine Fact</u> <u>Sheet (DEA.GOV)</u>

Opioids are medications prescribed for patients who are experiencing severe pain. Used as prescribed, they can be beneficial and are generally used short term.





WHAT ARE ILLICIT OPIOIDS?



Heroin Fact Sheet (DEA.GOV)



Fentanyl Fact Sheet (DEA.GOV)



<u>U-47700 Synthetic</u> <u>Opioid Fact Sheet</u> (<u>DEA.GOV</u>)

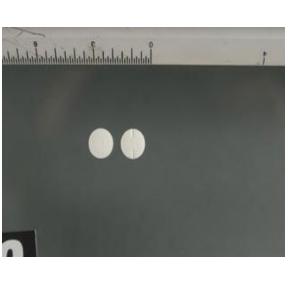
Illegal opioids are any that are not made by a licensed pharmaceutical company.





WHAT ARE STIMULANTS?

Prescription
Amphetamines
FactSheet (DEA.GOV)



Stimulants enhance feel-good chemicals in the brain such as dopamine and norepinephrine and speed up the body's systems Prescription
Methamphetamine
Fact Sheet (DEA.GOV)



Amphetamines are prescribed as Adderall®, Concerta®, Dexedrine®, Focalin®, Metadate®, Methylin®, Ritalin®.

Read 2019 Article by Ashwood Recovery in Boise, ID Methamphetamines are prescribed as Desoxyn®





WHAT ARE ILLEGAL STIMULANTS?



Bath-Salts Fact Sheet (dea.gov)

Cocaine Fact Sheet (dea.gov)

<u>Crystal Meth Fact</u> <u>Sheet (dea.gov)</u>

According the United States Drug Enforcement Administration, several stimulants are highly addictive and have no medical use in the United States (<u>DEA drug fact sheet</u>, 2020).

EMOJI DRUG CODE | DECODED

COMMON EMOJI CODES

FAKE PRESCRIPTION DRUGS

PERCOCET & OXYCODONE















ADDERALL





DEALER SIGNALS

DEALER ADVERTISING











HIGH POTENCY







UNIVERSAL FOR DRUGS



LARGE BATCH







OTHER DRUGS

METH



HEROIN



COCAINE



MDMA & MOLLIES



MUSHROOMS



COUGH SYRUP



MARIJUANA



This reference guide is intended to give parents, caregivers, educators, and other influencers a better sense of how emojis are being used in conjunction with illegal drugs. Fake prescription pills, commonly laced with deadly fentanyl and methamphetamine, are often sold on social media and e-commerce platforms – making them available to anyone with a smartphone.

#ONEPILLCANKILL

dea.gov/onepill

Disclaimer: These emojis reflect common examples found in DEA investigations. This list is not all-inclusive, and the images above are a representative sample.







PHYSICAL

A Time of Many Changes

SOCIAL AND EMOTIONAL



DECISION MAKING





ADOLESCENT DEVELOPMENT





PHYSICAL

- Faster growth
- Puberty









SOCIAL AND EMOTIONAL

More self-conscious



• Disequilibrium



 Spend more time with friends

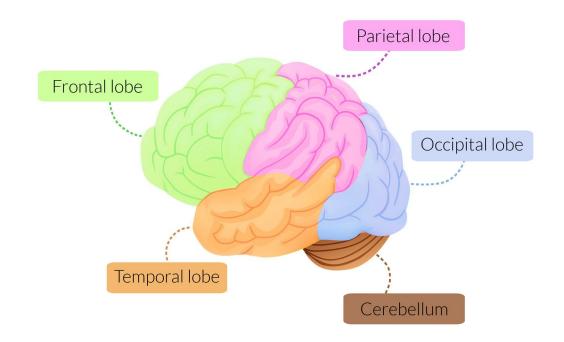






How brain development impacts adolescents' decision making and risk taking

- Frontal Lobe: Thinking—
 Planning--Problem Solving—
 Emotions--Behavioral
 Control-- Personality
- Parietal lobe: Perceptions--Making Sense of the World--Arithmetic and Spelling
- Occipital lobe: Vision
- Temporal lobe: Memory— Understanding--Language



THE ADOLESCENT BRAIN





DECISION MAKING



- Brain developing
- Reasoning changing
- Risk taking

UCLA researcher and assistant professor Dr. Adriana Galvan

Hit play twice to access this video OR, click on this link: https://youtu.be/LWUkW4s3XxY



Ħ

DID YOU KNOW?

According to the 2021 Montana Youth Risk Behavior Survey Report

In 2019, over 1 in 10 high school students reported taking a prescription drug without a doctor's prescription

48% of youth reported vaping at least once

2 in 10 youth tried alcohol by age 12

2 in 10 youth tried marijuana by age 14





DID YOU KNOW?

Taking a prescription drug such as OxyContin or Adderall in a way that is not prescribed or taking someone else's prescription is called diversion. This is a common way youth access opioids and stimulants.





IDENTIFYING COUNTERFEIT OPIOIDS

Can you identify which of the pictured pills are from a pharmacy and which are illegally produced?





Oxycodone





Adderall



Xanax



In 2021, the DEA seized over 9.5 million fake pills (DEA.gov)





DID YOU KNOW?

Nonmedical use of prescription drugs by adolescents and young adults has surpassed all illicit drugs except marijuana

Nonmedical use has become a public health problem Over half of overdose deaths in young people up to age 25 are from opioids





DID YOU KNOW?

Adolescents are primarily introduced to opioids by medical providers

Prescribed opioids that are left unused present a potential for misuse Earlier use of prescription opioids can lead to opioid misuse later in life



PAUSE HERE AND PLAY VIDEO

Listen to the story of a pastor who overcame a substance use disorder, which he developed after a tennis injury as a young person



https://youtu.be/48ayaqacIxE







- Not following the instructions from the doctor
- Taking pills that are not prescribed for you
- Taking opioids to get high

- Drowsiness

- Constipation
- Nausea or vomiting
 - Constricted pupils
- Dizziness or weakness

Headaches

Dry mouth

Loss of appetite

- Sweating
 - Mood changes

Source:
Opioids | Youth.gov

SIGNS OF OPIOID MISUSE IN YOUTH



- Rotting teeth Dilated pupils
 - Thinning body
 - Intense scratching
 - Paranoia or confusion
 - Acne or sores
- *Irritability*

Source: Meth Symptoms & Signs of Use (americanaddictioncenters.org)

SIGNS OF STIMULANT MISUSE IN YOU





PAUSE HERE AND REVIEW

For a more complete description of opioids, review the following module



Module One: Introduction to Opioids



PAUSE HERE AND PLAY VIDEO

Opioids



4-min video

Stimulants



5-min video

Listen to these two short videos that provide an overview of prescription opioids and stimulants.





RISK AND RESILIENCE FACTORS

Risk Factors



Protective Factors







WHAT CAN I DO AS A PARENT?

- Talk to your children early and often
- Use teachable moments
- Ask for their thoughts on the topic
- Model a healthy lifestyle



Refer to the parent handout for more information



Use active listening when talking to your teen. Frame your discussion around

 $\begin{array}{c} 1 \\ \hline \end{array} \longrightarrow \begin{array}{c} 2 \\ \hline \end{array} \longrightarrow \begin{array}{c} 4 \\ \hline \end{array}$

Concern:

I noticed you seem (sad, angry etc.). I care about you and would like to know how I can help?

Empathy:

That sounds like a difficult situation you are having with your friend. How are you doing?

Paraphrasing:

Sounds like you are pretty upset with your friend.

Clarifying:

Are you planning to talk with your friend about what happened?



Avoid solving the problem for them. Instead, help them generate their own solutions by asking them questions and providing guidance.

- How might you approach your friend about this?
- Would you like to talk about ideas?

WHAT CAN I DO AS A PARENT?



WHAT CAN I DO AS A PARENT?

- Understand the developmental issues your child is experiencing
- Realize risk-taking is normal during adolescence, however, parents need to remain aware
- Be involved in your child's life

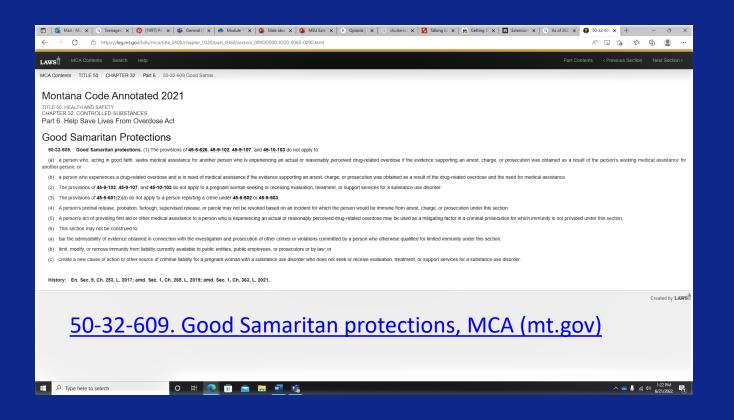






DID YOU KNOW?

As of 2021, Montana has a Good Samaritan Law to obtain help for someone who has overdosed on drugs





WHAT DO TEENS SAY IS HELPFUL?

They (my parents) would just bring it (the subject of substance misuse and risk taking) up and tell me the bad effects it causes and them being open about everything helped the most.

16-year-old Montana Teen





- Parent with high levels of love and warmth with firmness on expectations
- Know who your child is with and where they are at when with friends
- Set expectations with your child

Refer to parent handout for more information



IF YOU SUSPECT SUBSTANCE MISUSE......

- Choose a time when your adolescent is not under the influence to talk to them
- Be specific as to why you have the suspicion
- Be prepared for your adolescent to become angry and upset
- Reinforce what you think about drug use
- Impose an appropriate consequence
- Get help if you believe your adolescent may have an addiction problem

Know you are not alone when you suspect substance use





Talk to other parents







Educate the community about Deterra bags and drop boxes











Advocate for naloxone to be available in schools





For more information about naloxone please visit Naloxone (mt.gov)





Educate community members about opioids and stimulants, including but not limited to:

- Educators and coaches
- Caregivers
- Municipal and community employees
- Pharmacists and healthcare providers
- Youth





Work with organizations, schools, and other parents to develop physical spaces for teens to interact









ABOVE ALL, LET YOUR ADOLESCENT KNOW THAT YOU LOVE AND RESPECT THEM.



REFERENCES

- Arian, M., et al. (2013). Maturation of the adolescent brain. Neuropsychiatric Brain and Treatment, 9, 449-461.
- Arnett, J. J. (2005). The developmental context of substance abuse in young adulthood. *Journal of Drug Issues*, 0022-0426/05/02, 235-254.
- Wilson, A. C., Morasco, B. J., Holley, A. L., & Feldstein Ewing, S. W. (2020). Patterns of opioid use in adolescents receiving prescriptions:
 The role of psychological and pain factors. *American Psychologist*, 75(6), 748–760.
- Fortuna, R. J., Robbins, B. W., Caiola, E., Joynt, M., Halterman, J. S. (2010). Prescribing of controlled medications to adolescents and young adults in the United States. *Pediatrics*, 126(6), 1108-116.
- Gordon, J. A., (2021, September) Supporting Kids Mental Health During COVID 19. Retrieved from: <u>NIMH » Supporting Kids' Mental Health</u> <u>During COVID-19 (nih.gov)</u>

REFERENCES

- Parkes, S. A., Saewyc, E. M., Cox, D. N., MacKay, L. J. (2008). Relationship between body image and stimulant use among Canadian adolescents. Journal of Adolescent Health, 43, 616 – 618.
- Steinberg, L. (2005). Cognitive and affective development in adolescence. *TRENDS in Cognitive Sciences*, *9*(2), 69-74.
- Steinberg, L. & Morris, A. S. (2001). Adolescent development. *Annual Reviews of Psychology*, *52*, 82-110.
- Substance Abuse and Mental Health Services Administration: Substance Misuse Prevention for Young Adults. Publication No. PEP19-PL-Guide-1 Rockville, MD: National Mental Health and Substance Use Policy Laboratory. Substance Abuse and Mental Health Services Administration, 2019.
- Sussman, S. & Arnett, J. J. (2014). Emerging adulthood: Developmental period facilitative of the addictions, *Evaluation and Health Professions*, 37(2), 147-155.

REFERENCES

- US Department of Justice/Drug Enforcement Administration. (2021). <u>Counterfeit Pills fact SHEET-5-13-21-FINAL.pdf</u>
- Wilson, A. C., Morasco, B. J., Holley, A. L., & Feldstein Ewing, S. W. (2020). Patterns of opioid use in adolescents receiving prescriptions: The role of psychological and pain factors. *American Psychologist*, 75(6), 748–760.