

Re-entering the Age of the Sort of Legal Drugs

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Educational Session at the Meeting of the Minds 2015 Area 5 Spring Conference, Kansas City, Missouri

April 9-11, 2015

HEALTHPromotion



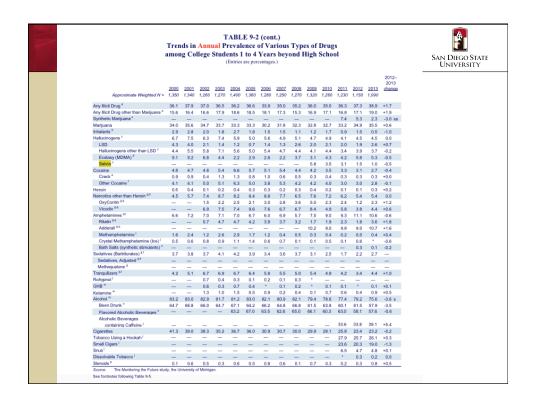
Legal and "Gray Area" Drugs

- Major categories:
 - Prescription medicines
 - Pharmaceutical
 - Marijuana We've already covered
 - Uncontrolled Herbal Products
 - Designer Drugs
 - Other products and concoctions
- · State vs Federal Law Conflicts



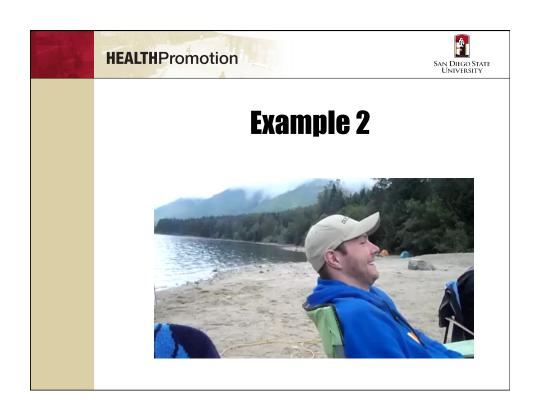
Uncontrolled Herbal Products

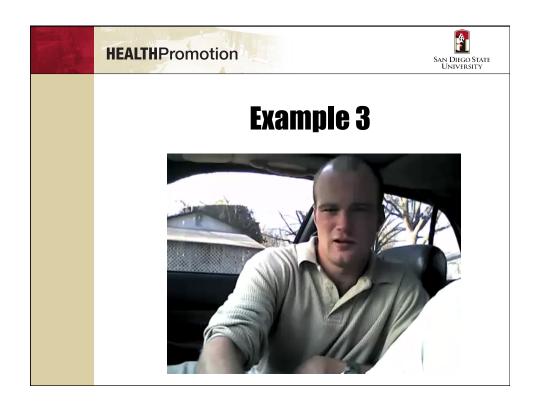
- Salvia is the hot one now.
- Lesser ones include: Kratom, Egyptian Lotus, Various Mushrooms.
- They'll never all be controlled. Most have side effects so unpleasant they do not catch on.
- Hold off on lumping K2, Spice and Bath Salts into this category. They're a different animal.

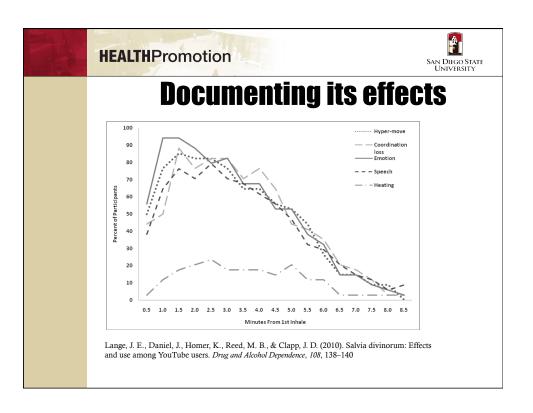








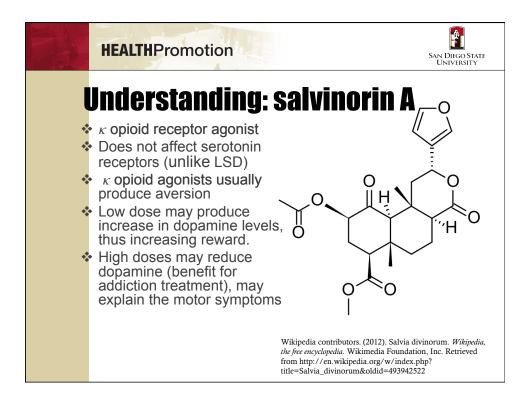


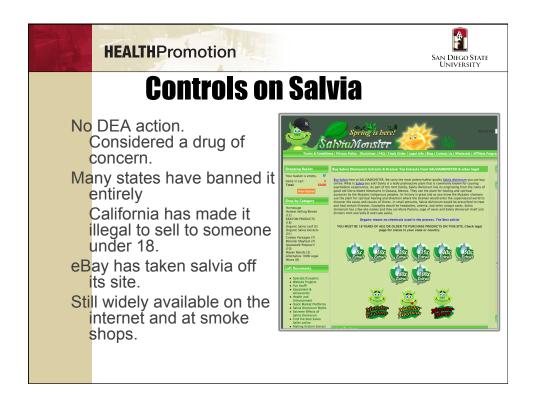




What are the risks?

- Largely unknown...
 - No long-term studies available
 - Few regular users
 - User reports of minor injuries
- Vohra et al (2011) documents CA Poison Control System from Jan 1998 to May 2008.
 - * 37 cases of S. divinorum
 - 16 were known to have taken something else as well
 - Most Salvia only cases (16 out of 18) had normal vital signs
 - When mixed with other drugs irregular vital signs more likely, as are seizures.
- Animal studies suggest an addictive potential (Listos et al., 2011)
- A few popularly reported cases of suicide and other psychiatric consequences







What is Spice?

- · History of the product
 - Spice : Herbal Smoke :: Kleenex : Facial Tissue
 - Many names include: K2, Kronic, Buzz, Ice Bud
 - Between 2004 and 2008 considered just an herbal mix.
 - Now understood to often contain synthetic chemicals
 - Federal Schedule I
- How available is it?
 - Sold mostly as incense
 - Not for Human Consumption
 - Internet and Smoke Shops
 - Usually about \$20-\$30 for 3g of product
 - Sold in packets or already rolled joints

HEALTHPromotion Example 1 Figure 1







A few very recent notices

- The greatest contributor to Misuse and Abuse (MUA) visits involving atypical antipsychotic drugs was quetiapine, accounting for 27,114 [ED] visits out of a total of 43,409 visits (62%) involving atypical antipsychotics.
 - Soon to be published in Substance Abuse: Research and Treatment (email from editor March 27, 2015)
 - Quetiapine is an antipsychotic that can produce a "high" but not previously considered a high abuse potential.
- DEA Nationwide Alert: "Drug incidents and overdoses related to fentanyl are occurring at an alarming rate throughout the United States and represent a significant threat to public health and safety," DEA administrator Michele M. Leonhart said in a statement."