#### Kevin Knight, Ph.D., IBR Associate Director Understanding Addiction





Prolonged Drug Use Changes the Brain In Fundamental and Long-Lasting Ways



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## Use of Alcohol and/or Illicit Drugs

- May be periodic or frequent
- May be used regularly or in binges
- Use is often influenced by peers and availability
- Legal implications
  - Alcohol: Use may be responsible or dangerous (e.g. DWI)
  - Illicit Drugs: Possession is always illegal
  - Types of Charges: Possession, DWI, Assault
- Usually exacerbates delinquent behavior and reduces gainful employment
- <u>Use may be suppressed</u> by toxicology, alcohol/drug education, CJS supervision focused on peers/work

TASC

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# Abuse of Alcohol and/or Illicit Drugs

- <u>Abuse</u>: A maladaptive pattern of substance use, leading to clinically significant impairment or distress as manifested by one or more behaviorally based criteria. DSM IV-R
  - Influenced by peers but more by lack of coping skills
- Exacerbates delinquent behavior and reduces gainful employment
- Legal implications more frequent and escalating
- <u>Use may be suppressed</u> by CJS supervision, lifeskills and alcohol/drug education. Counseling/Outpatient Treatment can help develop coping skills. Criminal thinking interventions also useful.

NIDA

TCU

## Alcohol and/or Drug Dependence

- <u>Physiological dependence</u>: Tolerance, withdrawal symptoms or continued use to avoid withdrawal.
- <u>Psychological dependence (addiction)</u>: Overall loss of control, obsessive-compulsive drug-seeking, continued use of a substance in spite of clearly adverse consequences.
- Use is frequent, if not daily. An alternative pattern may be one of intermittent, frequent binges.
- Peers have become other drinkers and drug users, unless the person uses completely alone.

NIDA

## Upcoming changes?...DSM-5

- No differentiation between Abuse and Dependence
- Replacing these categories with a new category: Addiction and Related Disorders with varying levels of severity
- Why?
  - Trying to eliminate the confusion between physiologic dependence upon alcohol or a drug and addiction;
  - Address the problem with our current categories in which the psychosocial consequences of *abuse* are given more weight than in the *dependence* diagnosis itself.

- Moderate Severity-2 or 3 Yes responses; 4 or more referred to as Severe (noting with our without physiological dependence)
- A Substance-Use Disorder will be defined as a clinically significant impairment or distress as manifested by 2 (or more) of the following, occurring within a 12-month period:
- Failure to fulfill major role obligations at work, school, or home
  Recurrent use of substances in situations in which it is physically hazardous
  Continued use despite persistent social and interpersonal problems caused by the substance
  - 4) Tolerance diminished effect with the continued use of the same amount of the
  - 5) Withdrawal syndrome
  - 6) Taken in larger amounts or over a longer period than was intended
  - 7) Persistent desire or unsuccessful attempts to cut down on the substance use
  - 8) A great deal of time spent in activities necessary to obtain the substance
  - cupational or recreational activities 9) Giving up important of
  - 10) Continued use despite knowledge of having a persistent physical or psychological problem caused or exacerbated by the sub TCU
- 11) Craving or a strong desire or urge to use a specific substance





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