What is X?

Parental X negatively affects fathers’ and mothers’ caregiving, material support, and nurturance, and is associated with poor health and developmental outcomes for children of all ages, including prenatally. X mothers are more likely than non-X mothers to have poor parenting skills and to have negative interactions with their children. Mothers who are X are less likely to use appropriate practices (such as using car seats, smoke alarms and covering electrical outlets) to prevent injury and harm among their children, and more likely to use corporal punishment. Maternal X is a significant risk factor for child abuse and neglect.
What is \( x \)?

Neurodevelopment

- Postmortem
- fMRI
Neurodevelopment

impulsivity and risk-taking

risk reduction and future-oriented decision-making


Emerging adults aren’t just tiny adults
Co-morbidities

Median age onset of:
• anxiety (19-31 years)
• substance use disorder (20 years)
• mood disorder (30 years)

Co-morbidities

• Almost 1:5 with any mental illness (MI) in past year, with severe MI in ~4%
• Co-occurring mental illness (MI) and substance use disorder (SUD)
  – ~6% any MI, plus SUD
  – ~2% severe MI, plus SUD

Psychiatric Illness and Substance Use

• Of those with
  • any MI, two-thirds do not receive treatment
  • severe MI, almost half do not receive treatment

Transition More of a Challenge in MI/SUD

• Greater unemployment
• Lower academic attainment
• More likely to experience incarceration
• Poorer physical health
• Homelessness
• Parenting challenges
**Developmental Aspects**

“The most frequently marked maturity criteria by youth (94.03%) was ‘to take responsibility for the consequences of your actions’.”

Raiu et al. (2014) Procedia - Social and Behavioral Sciences 149: 803-807

**Retention**

Emerging adults lower 1 year retention (17 versus 45% in older adults)

Schuman-Oliver et al. (2014) J Sub Abuse Treat 47: 202-12

**What Are We Treating?**


**What Are We Treating?**

Grierson et al. (2016) Psychological Med 46: 2467-84
Our Approach

Multidisciplinary Team

- Psychology (PhD/LAMFT)
- Case manager (LICSW)
- Pharmacist (PharmD)
- Nursing (RN)
- MD
No excuses

**Online Training for Waiver to Prescribe Buprenorphine**

This 8-hour online or in-person course is free to AAP members and will allow them to apply for a waiver to prescribe buprenorphine as part of treatment of young people with opioid use disorder and learn about the use of naltrexone.

The course can be accessed at:

www.aap.org/mat