

Youth in Crisis Training Series

Twelve Part Virtual Training Series

Register Individually for \$10 per session or Participate in all Twelve Sessions for \$75

Youth Vaping (e-cigarettes): Understanding the motives, health concerns, and risk of future drug use

October 8, 2021, 8:30am -10:30am

Virtual Learning via Blackboard Collaborate Ultra
2.0 Continuing Education Hours

Trainer: Todd Hillhouse, PhD

Course Description:

Electronic-cigarettes (ECIGs) were introduced to the United States in 2006-2007 and created a major shift in nicotine drug taking behaviors. The highest percentage of ECIG users are teens (i.e. middle and high school), which has significantly increased to 20.8% of teens in 2018. This significant increase in drug taking behavior is concerning as nicotine use at a young age has been associated with cognitive impairments (i.e. working memory and attentional deficits) and increased susceptibility for addiction in adulthood.

After this lecture, participants will learn:

- Policies regarding the sale and use of ECIGs and related products
- the terminology of ECIGs and the corresponding components of ECIGS
- About the different types of ECIGs/vaping devices and how they change nicotine delivery
- Current patterns of ECIG use in teens
- The health risks associated with early nicotine use
- How ECIGs use will likely lead to the use of other tobacco products and possibly other drugs of abuse

About your Trainer:



Todd Hillhouse, Ph.D., is an Assistant Professor in Psychology at UW-Green Bay. Addiction and pain are two devastating disorders that are not well understood and have limited treatment options. My laboratory is currently working on three projects. Project 1 evaluates the abuse-related and health risk effects of electronic-cigarettes. Project 2 evaluates the interaction between MDD and substance use disorder using preclinical models. The aim of project 3 is to Identify novel non-pharmacological and pharmacological for the treatment of acute and chronic pain to reduce the use of mu opioid agonist drugs like morphine. Dr. Hillhouse enjoys working directly with undergraduate students in the laboratory, and will supervise research assistantships and independent studies. Dr. Hillhouse obtained his Ph.D. from Virginia Commonwealth University, his M.S. from Northern Michigan University and his B.S. from Northern Michigan University.