

# #AddictionAware

Understand the signs. Reduce the stigma.

Ellen O'Brien  
**Gaiser**  
CENTER

Leading  
Recovery  
Since 1971



## NOW OFFERING!

**Educational Seminars on Addiction** presented by Gaiser's own full-time Medical Director **Dr. C. Thomas Brophy**

Also holding a degree in neuroscience, Dr. Brophy is **one of the region's only physicians board certified in both addiction medicine and emergency medicine**, giving him a full-circle perspective on the addiction cycle, treatments and necessary education.

### Students (grades 7-12)

#### Choose one or multiple:

##### Neuroscience of Addiction

- » Tailored age-appropriate content on how addiction impacts the brain
- » Discuss neuroplasticity and the brain changes that occur with substance use
- » Educate students on the limbic system and the role it plays

##### Trends in Substance Abuse

- » Fentanyl and other synthetic drugs and why these drugs have changed everything
- » Vaping and some of the dangerous chemicals found in all vape products
- » Medical marijuana and the dangers of using these products in developing brains

##### How to Use the Neuroscience of Addiction to Your Advantage

- » Harnessing neuroplasticity to accomplish big goals
- » Discuss neuronal hierarchy and using it to your advantage
- » The 10,000 rule and how this relates to the neuroscience of addiction

### Public, Parents, Educators

#### Choose one or multiple:

##### Neuroscience of Addiction

- » Explain how the neurophysiology of addiction results in dramatically abnormal behaviors
- » Neuronal hierarchy and why stopping substance use is not a matter of simply making better choices
- » Neuroplasticity works in both directions and why understanding this is crucial

##### Trends in Substance Abuse

- » Explain fentanyl synthetics and why this is resulting in overdoses among non-opioid users
- » Vaping and the rise of vape product abuse among teens
- » Medical marijuana and the risks to a teenager's brain & why the hypocrisy kids see at home is a problem

##### How to Use this Information to Your Advantage

- » Recognize behaviors associated with substance abuse and learn what to watch for in your kids
- » Discuss accessibility of these substances and the impact it has had in substance abuse
- » Explain how to have these discussions in a healthy way with the teens in your household

Customize from the options above to meet your audience's needs.

**READY TO BOOK? Email [addictionaware@gaisercenter.com](mailto:addictionaware@gaisercenter.com)**

Presentation cost: 4 hours/\$500; full day/\$950 | Still have questions? Call Ave Jack at 724.287.8205/119

[gaisercenter.com](http://gaisercenter.com)