



Presents:

## The Physiology of Addiction

What Every Parent Must Know About Your Tween/Teen's Brain Development



Addiction is an illness that disrupts messaging pathways in the brain, altering its physiology and causing profound behavioral changes. There is increasing attention to teen-brain development and the way it impacts how teens behave and take risks – such as using alcohol and drugs, which in turn “programs” the developing brain for a lifetime of addiction.

This program features Truth Pharm's West-Coast Director, molecular biologist Barbara Veit, whose research focuses on the long-term impact of addictive substances on the developing brain.

In this presentation, Barbara Veit describes:

- ❖ the messaging system in the brain that is targeted by substances of abuse
- ❖ how substances of abuse disrupt the brain's messaging system and why this leads to addiction
- ❖ risk factors associated with developing addiction
- ❖ the neurobiology of the developing brain that makes the adolescent brain -- not the adult brain -- vulnerable to developing addiction



FOR: *Parents and Educators*

DATE: *Nov. 27, 2018*

TIME: *9:00 AM*

LOCATION: *Community Room S21, Palos Verdes Peninsula High School,  
27118 Silver Spur Rd, Rolling Hills Estates*

WHY: *A well informed community helps keep our kids healthy and safe.*