



# POSITIVE CHANGE CONFERENCE

## *Tackling Addiction Trends*

### Wednesday, November 13, 2019

9:45 a.m. to 11:45 a.m.

Millersville University | Multi-Purpose Room (MPR), Student Memorial Center (SMC)

#### **Special Learning Unit for MU Students:**

*Molecular Adventures in the Brain  
with Alcohol & Cannabis  
+ Q&A for MU Students*

by Tom Hagan, Ph.D, Associate Professor of Chemistry  
and Biochemistry, Elizabethtown College

**Addiction:** almost everyone knows this term,  
and a significant percentage of the population  
has experienced the impact of addiction on  
their lives. Many people, however, are not  
acquainted with the intricacies of addiction  
at the biological and chemical levels.

#### **STUDENTS will:**

- Better understand the operation of the brain as it relates to addiction behaviors.
- Identify key areas of the brain which are affected by cannabis and alcohol.
- Appreciate how the structure of a foreign molecule, like alcohol or THC, allows it to interact with molecular targets within the brain.
- Gain insight into the role of genetics in the addictions process.

**LUNCH  
INCLUDED**

Registration Opens August 21st: [www.compassmark.org/events/positive-change-conference](http://www.compassmark.org/events/positive-change-conference)

Faculty members are encouraged to bring their entire class or offer students incentives to participate.

Questions to Dr. Alex Redcay at [Alex.Redcay@millersville.edu](mailto:Alex.Redcay@millersville.edu)

Millersville University



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SCIENCE-BASED ADDICTION PREVENTION



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