

## STOP-DWI NY REGIONAL TRAINING OPPORTUNITY

### Webinar Training

**Cannabis pharmacology, pharmacokinetics & effects on driving performance and oral fluid for roadside testing.**

**By Professor Dr. Marilyn A Huestis**

Date:  
September 20, 2024

Time: 9 am -12 pm

**Registration/sign-in  
begins at 8:45am**

Location: Zoom

To Register:

[https://us02web.zoom.us/webinar/register/WN\\_V8mra9u3T3mNNwZ0sDv3Nw](https://us02web.zoom.us/webinar/register/WN_V8mra9u3T3mNNwZ0sDv3Nw)

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315-723-1189

No training credits  
are available.

The NY State STOP-DWI Foundation, Inc., through funding from the NYS Governor's Traffic Safety Committee, is pleased to sponsor a statewide training to benefit local STOP-DWI efforts in New York State. This seminar is free of charge to all STOP-DWI partners engaged in preventing impaired driving.

- I. Cannabis and driving
  - a. Status of legalization and medicalization in the US, world prevalence
  - b. Cannabinoid pharmacology including the endogenous cannabinoid system, neurotransmitters, receptors, density in the brain
  - c. Titration of inhaled cannabis
  - d. Hysteresis
  - e. Cannabinoid metabolism
  - f. Differences between occasional and chronic frequent cannabis use
  - g. Pharmacokinetics of smoked, inhaled and oral cannabinoids
  - h. Cognitive & psychomotor effects
  - i. Cannabinoid effects on driving
    - i. Differences between alcohol and cannabis
    - ii. Interaction of alcohol and cannabis
  - j. Sources of data about cannabis and driving
- II. Oral fluid testing at the roadside
  - a. Oral fluid screening
  - b. Oral fluid confirmation

#### Huestis Short Research Bio

Professor Dr. Dr. (h.c.) Marilyn A. Huestis retired as a tenured senior investigator and Chief, Chemistry and Drug Metabolism, National Institute on Drug Abuse, National Institutes of Health in 2016 after 23 years of conducting controlled drug administration studies. She was an Adjunct Professor, University of Maryland School of Medicine for 17 years and currently is a Senior Science and Policy Advisor for PinneyAssociates, Professor at the Institute on Emerging Health Professions, Thomas Jefferson University, Adjunct Professor, University of New Mexico College of Pharmacy, Honorary Professor, Queen Mary University of London, England and President of Huestis & Smith Toxicology. Her research program focuses on the neurobiology and pharmacokinetics of cannabinoid agonists, kratom/mitragynine, psilocybin, effects of in utero drug exposure, driving under the influence of drugs, and identification and quantification of drugs by mass spectrometry.