**SOFT Continuing Education Webinar Proposal**

**WORKSHOP TITLE: Novel Psychoactive Substances (NPS): Analytical Methods and Encountered Challenges (Part 1)**

WORKSHOP DATE/TIME: April 28, 2021 / 12:30-3:00 PM EST (9:30 AM-12:00 PM PST)

WORKSHOP LOCATION: Virtual (Webinar)

REGISTRATION FEE: $25 Live or on demand

WORKSHOP COST: $265 AACC Continuing Education Credit Fee

WORKSHOP CO-CHAIRS: Dr. Alex Krotulski (alex.krotulski@cfsre.org, 215-366-1771 ) and Elisa Shoff (eshoff@miamidade.gov, 305-547-5740)

Continuing Education Workshop Committee Sponsor Name: Dr. Robert Johnson

Phone: 817-920-5700, E-mail address: rdjohnson@tarrantcounty.com

ABSTRACT: This 2.5-hour SOFT Continuing Education Workshop will be conducted on behalf of the SOFT Designer Drug Committee. This workshop will focus on the challenges of detecting NPS and practical analytical methods that work best for each targeted drug class. Synthetic cannabinoids, opioids, stimulants/hallucinogens, and benzodiazepines will be discussed. Presenters will provide an overview on method development, validation, and implementation, as well as various other aspects. This training is designed for practicing toxicologists, research scientists, students conducting NPS research, and others interested in the world of NPS. This workshop will tentatively be Part I of a series of NPS workshops from the Designer Drug Committee.

**LEARNING OBJECTIVES:**

After attending this course, participants will:

1. Be knowledgeable of current NPS drug classes and trends
2. Understand the difficulty of testing for different classes of NPS
3. Be able to implement best practices for NPS method development
4. Be better prepared for successful detection of NPS in various matrices

**INSTRUCTORS:**

**Speaker #1**

Dr. Alex Krotulski; Associate Director – Toxicology/Chemistry

Center for Forensic Science Research & Education

**Speaker #2**

Elisa Shoff, MS, D-ABFT-FT; Forensic Toxicologist II

Miami-Dade Medical Examiner Department

**Speaker #3**

Dani Mata, MS, D-ABFT-FT; Senior Forensic Scientist-Toxicology

Orange County Crime Lab

**Speaker #4**

TBA

Audience knowledge level required: **X** Basic **X** Intermediate **□** Advanced

**WORKSHOP SCHEDULE**

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| **2.5-hour Workshop** |
|  |  |  |
| **TITLE: Novel Psychoactive Substances (NPS): Analytical Methods and Encountered Challenges (Part 1)** |
| SCHEDULE  |
| **12:30-12:35 pm**  |  | **Introduction – NPS FAQs** |
|  |  | Dr. Alex Krotulski & Elisa Shoff  |
|  |  |  |
| **12:35 – 1:05 pm** |  | **Synthetic Cannabinoids**  |
|  |  | Dr. Alex Krotulski |
|  |  |  |
| **1:05 – 1:35 pm**  | **NPS Benzodiazepines**  |
|  |  | Dani Mata |
|  |  |  |
| **1:35 – 1:45 pm** |  | **Break** |
|  |  |  |
| **1:45 – 2:15 pm** |  | **NPS Stimulants/Hallucinogens**  |
|  |  | Elisa Shoff |
|  |  |  |
| **2:15 – 2:45 pm** |  | **NPS Opioids**  |
|  |  | TBA |
|  |  |  |
| **2:45 – 3:00 pm** |  | **Q&A Session and Wrap-up** |
|  |  | All Speakers |

**KEY TERMS:**

Provide three key terms to be used to reference your workshop.

1. NPS
2. Method Development
3. Analytical Toxicology