EMERGING TRENDS IN SYNTHETIC DRUGS WORKSHOP

April 30, 2013 - AGENDA



8:30 - 9:00 AM

Registration

9:00 - 9:30 AM

Welcome and Opening Remarks

- John Paul Jones II, Program Manager, Law Enforcement Standards Program (OLES), National Institute of Standards and Technology (NIST)
- Jeff Comparin, Laboratory Director, Special Testing & Research Laboratory, Drug Enforcement Administration (DEA)
- Scott Oulton, Chair of Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG) & Associate Deputy Assistant Administrator, Office of Forensic Sciences, DEA

9:30 - 10:15 AM

EMERGING TRENDS IN SYNTHETIC CANNABINOIDS AND SUBSTITUTE CATHINONES

Overview of the Problem (Will Not Be Webcast or Captioned)

Bob Bell, Supervisory Special Agent, Office of Diversion Control, DEA

10:15 - 10:30 AM 10:30 - 11:45 AM **Break**

FEDERAL EMERGING TRENDS

Classes and Structures of Emerging Drugs

Arthur Berrier, PhD, Senior Research Chemist, Special Testing & Research Laboratory, DEA **Novel Hallucinogens and Plant-Derived Highs**

Emily Dye, Forensic Chemist, Special Testing & Research Laboratory, DEA

Control Scheduling and Pending Legislation (Will Not Be Webcast or Captioned)

Terry Boos, Acting Chief of the Drug & Chemical Evaluation Section, Office of Diversion Control, DEA

Moderated by Shannan Williams, Associate (Contractor), OLES, NIST

11:45 - 12:30 PM

INTERNATIONAL EMERGING TRENDS

New Drugs in the European Union

Andrew Cunningham, Scientific Analyst, European Monitoring Centre for Drugs and Drug Addiction (EMCDDA), Lisbon, Portugal

12:30 - 1:45 PM 1:45 - 3:15 PM

Lunch

STATE AND LOCAL EMERGING TRENDS - PART ONE

Synthetic Structures, State Legislation, Brand Names, Novel Approaches to Analysis, and How **Analytical Results are Reported**

- Jim Wesley, Drug Chemistry Supervisor, Monroe County, New York Crime Laboratory
- John Przybylski, Controlled Substances Section Supervisor, Virginia Department of Forensic Science
- Joseph Graves, Crime Lab Analyst Supervisor, Drug Chemistry Florida Department of Law Enforcement

Moderated by Anthony Tambasco, Forensic Scientist/Laboratory Director, Mansfield, Ohio Police Department Crime Laboratory

3:15 - 3:30 PM

Break

3:30 - 4:15 PM

PHARMACOLOGY OF SYNTHETIC DRUGS

Marilyn A. Huestis, PhD, Chief, Chemistry and Drug Metabolism, Clinical Pharmacology and Therapeutic Research Branch, National Institutes of Health Biomedical Research Center

4:15 - 5:00 PM

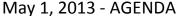
TOXICOLOGICAL ASPECTS OF SYNTHETIC DRUGS

Barry Logan, PhD, Executive Director, Center for Forensic Science Research and Education, National Medical Services

(All Times are in Eastern Time)



EMERGING TRENDS IN SYNTHETIC DRUGS WORKSHOP



8:30 - 9:00 AM Registration 9:00 - 9:20 AM

Opening Remarks and Capabilities for Measurements, Materials, Data, Modeling, and Information Processing in the Chemical Sciences Division, NIST

- John Paul Jones II, Program Manager, OLES, NIST
- William MacCrehan, Research Chemist, Chemical Sciences Division (CSD), NIST

9:20 - 11:00 AM

IDENTIFICATION AND STANDARDS

Criteria for Identification of Synthetic Drugs

Scott Oulton, Chair of SWGDRUG & Associate Deputy Assistant Administrator, Office of Forensic Sciences, DEA

SWGDRUG Proposed Recommendation on Analogues and Structural Class Determinations

Linda Jackson, Vice Chair of SWGDRUG & Director, Virginia Department of Forensic Science

Validation/Authentication of Physical Standards

Nicole Astor, Chemistry Technical Leader, Division of Forensic Sciences, Georgia Bureau of Investigation

Authentication of Physical Standards

Roxanne Franckowski, Senior Forensic Chemist, Special Testing & Research Laboratory, DEA

Moderated by John Paul Jones II, Program Manager, OLES, NIST

11:00 - 11:15 AM 11:15 - 12:30 PM **Break**

COLLABORATIVE EFFORTS

Live Demo of Online Database Resources for the Identification of Novel and Emerging Drugs

Peter R. Stout, PhD, Senior Research Forensic Scientist, Research Triangle Institute (RTI) International

Advisory Committee for the Evaluation of Controlled Substances Analogs

Lindsay Reinhold, Forensic Chemist IV, National Medical Services

Moderated by Karen Phinney, Group Leader, Bioanalytical Science, NIST

12:30 - 1:30 PM 1:30 - 3:00 PM Lunch

STATE AND LOCAL EMERGING TRENDS - PART TWO

Synthetic Structures, State Legislation, Brand Names, Novel Approaches to Analysis, and How **Analytical Results are Reported**

- Anthony Tambasco, Forensic Scientist/Laboratory Director, Mansfield, Ohio Police Department Crime Laboratory
- Sandra Sachs, Criminalist III, Oakland Police Department Crime Laboratory
- Roger Schneider, Forensic Scientist Supervisor, Phoenix Police Department Laboratory Services Bureau

LABORATORY ANALYTICAL TECHNIQUES

Moderated by Shannan Williams, Associate (Contractor), OLES, NIST

3:00 - 3:15 PM 3:15 - 5:00 PM Break

Color Tests and Analytical Difficulties with Emerging Drugs of Abuse

Jeremy Morris, Johnson County, Missouri Crime Laboratory

Statistical Sampling Approaches for Synthetic Drugs

Jill Head, Supervisory Chemist, Special Testing & Research Laboratory, DEA

Interpretation and Potential Pitfalls of Analysis

Josh Yohannan, Forensic Chemist, Special Testing & Research Laboratory, DEA

DEA Dosing Studies

Elizabeth Guest, PhD, Forensic Chemist, Special Testing & Research Laboratory, DEA

Moderated by William MacCrehan, Research Chemist, CSD, NIST

5:00 PM

CLOSING REMARKS

John Paul Jones II, Program Manager, OLES, NIST

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