

# EMERGING TRENDS IN SYNTHETIC DRUGS WORKSHOP

April 30, 2013 - AGENDA



8:30 – 9:00 AM	Registration
9:00 – 9:30 AM	<b>Welcome and Opening Remarks</b> <ul style="list-style-type: none"><li>John Paul Jones II, Program Manager, Law Enforcement Standards Program (OLES), National Institute of Standards and Technology (NIST)</li><li>Jeff Comparin, Laboratory Director, Special Testing &amp; Research Laboratory, Drug Enforcement Administration (DEA)</li><li>Scott Oulton, Chair of Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG) &amp; Associate Deputy Assistant Administrator, Office of Forensic Sciences, DEA</li></ul>
9:30 – 10:15 AM	<b>EMERGING TRENDS IN SYNTHETIC CANNABINOIDS AND SUBSTITUTE CATHINONES</b> <b>Overview of the Problem</b> <ul style="list-style-type: none"><li>Bob Bell, Supervisory Special Agent, Office of Diversion Control, DEA (<i>Will Not Be Webcast</i>)</li></ul>
10:15 – 10:30 AM	Break
10:30 – 11:45 AM	<b>FEDERAL EMERGING TRENDS</b> <b>Classes and Structures of Emerging Drugs</b> <ul style="list-style-type: none"><li>Arthur Berrier, PhD, Senior Research Chemist, Special Testing &amp; Research Laboratory, DEA</li></ul> <b>Novel Hallucinogens and Plant-Derived Highs</b> <ul style="list-style-type: none"><li>Emily Dye, Forensic Chemist, Special Testing &amp; Research Laboratory, DEA</li></ul> <b>Control Scheduling and Pending Legislation</b> <ul style="list-style-type: none"><li>Terry Boos, Office of Diversion Control, DEA (<i>Will Not Be Webcast</i>)</li></ul> <i>Moderated by Shannan Williams, Associate (Contractor), OLES, NIST</i>
11:45 – 12:30 PM	<b>INTERNATIONAL EMERGING TRENDS</b> <b>New Drugs in the European Union</b> <ul style="list-style-type: none"><li>Andrew Cunningham, Scientific Analyst, European Monitoring Centre for Drugs and Drug Addiction (EMCDDA), Lisbon, Portugal</li></ul>
12:30 – 1:45 PM	Lunch
1:45 – 3:15 PM	<b>STATE AND LOCAL EMERGING TRENDS – PART ONE</b> <b>Synthetic Structures, State Legislation, Brand Names, Novel Approaches to Analysis, and How Analytical Results are Reported</b> <ul style="list-style-type: none"><li>Jim Wesley, Drug Chemistry Supervisor, Monroe County, New York Crime Laboratory</li><li>John Przybylski, Controlled Substances Section Supervisor, Virginia Department of Forensic Science</li><li>Joseph Graves, Crime Lab Analyst Supervisor, Drug Chemistry Florida Department of Law Enforcement</li></ul> <i>Moderated by Anthony Tambasco, Forensic Scientist/Laboratory Director, Mansfield, Ohio Police Department Crime Laboratory</i>
3:15 – 3:30 PM	Break
3:30 – 4:15 PM	<b>PHARMACOLOGY OF SYNTHETIC DRUGS</b> <ul style="list-style-type: none"><li>Marilyn A. Huestis, PhD, Chief, Chemistry and Drug Metabolism, Clinical Pharmacology and Therapeutic Research Branch, National Institutes of Health Biomedical Research Center</li></ul>
4:15 – 5:00 PM	<b>TOXICOLOGICAL ASPECTS OF SYNTHETIC DRUGS</b> <ul style="list-style-type: none"><li>Barry Logan, PhD, Executive Director, Center for Forensic Science Research and Education, National Medical Services</li></ul>

(All Times are in Eastern Time)

# EMERGING TRENDS IN SYNTHETIC DRUGS WORKSHOP

May 1, 2013 - AGENDA



8:30 – 9:00 AM	Registration
9:00 – 9:20 AM	<b>Opening Remarks and Capabilities for Measurements, Materials, Data, Modeling, and Information Processing in the Chemical Sciences Division, NIST</b> <ul style="list-style-type: none"><li>John Paul Jones II, Program Manager, OLES, NIST</li><li>William MacCrehan, Research Chemist, Chemical Sciences Division (CSD), NIST</li></ul>
9:20 – 11:00 AM	<b>IDENTIFICATION AND STANDARDS</b> <b>Criteria for Identification of Synthetic Drugs</b> <ul style="list-style-type: none"><li>Scott Oulton, Chair of SWGDRUG &amp; Associate Deputy Assistant Administrator, Office of Forensic Sciences, DEA</li></ul> <b>SWGDRUG Proposed Recommendation on Analogues and Structural Class Determinations</b> <ul style="list-style-type: none"><li>Linda Jackson, Vice Chair of SWGDRUG &amp; Director, Virginia Department of Forensic Science</li></ul> <b>Validation/Authentication of Physical Standards</b> <ul style="list-style-type: none"><li>Nicole Astor, Chemistry Technical Leader, Division of Forensic Sciences, Georgia Bureau of Investigation</li></ul> <b>Authentication of Physical Standards</b> <ul style="list-style-type: none"><li>Roxanne Franckowski, Senior Forensic Chemist, Special Testing &amp; Research Laboratory, DEA</li></ul> <p><i>Moderated by John Paul Jones II, Program Manager, OLES, NIST</i></p>
11:00 – 11:15 AM	Break
11:15 – 12:30 PM	<b>COLLABORATIVE EFFORTS</b> <b>Live Demo of Online Database Resources for the Identification of Novel and Emerging Drugs</b> <ul style="list-style-type: none"><li>Peter R. Stout, PhD, Senior Research Forensic Scientist, Research Triangle Institute (RTI) International</li></ul> <b>Advisory Committee for the Evaluation of Controlled Substances Analogs</b> <ul style="list-style-type: none"><li>Lindsay Reinhold, Forensic Chemist IV, National Medical Services</li></ul> <p><i>Moderated by Karen Phinney, Group Leader, Bioanalytical Science, NIST</i></p>
12:30 – 1:30 PM	Lunch
1:30 – 3:00 PM	<b>STATE AND LOCAL EMERGING TRENDS – PART TWO</b> <b>Synthetic Structures, State Legislation, Brand Names, Novel Approaches to Analysis, and How Analytical Results are Reported</b> <ul style="list-style-type: none"><li>Anthony Tambasco, Forensic Scientist/Laboratory Director, Mansfield, Ohio Police Department Crime Laboratory</li><li>Sandra Sachs, Criminalist III, Oakland Police Department Crime Laboratory</li><li>Roger Schneider, Forensic Scientist Supervisor, Phoenix Police Department Laboratory Services Bureau</li></ul> <p><i>Moderated by Shannan Williams, Associate (Contractor), OLES, NIST</i></p>
3:00 – 3:15 PM	Break
3:15 – 5:00 PM	<b>LABORATORY ANALYTICAL TECHNIQUES</b> <b>Color Tests and Analytical Difficulties with Emerging Drugs of Abuse</b> <ul style="list-style-type: none"><li>Jeremy Morris, Johnson County, Missouri Crime Laboratory</li></ul> <b>DEA Dosing Studies</b> <ul style="list-style-type: none"><li>Elizabeth Guest, PhD, Forensic Chemist, Special Testing &amp; Research Laboratory, DEA</li></ul> <b>Statistical Sampling Approaches for Synthetic Drugs</b> <ul style="list-style-type: none"><li>Jill Head, Supervisory Chemist, Special Testing &amp; Research Laboratory, DEA</li></ul> <b>Interpretation and Potential Pitfalls of Analysis</b> <ul style="list-style-type: none"><li>Josh Yohannan, Forensic Chemist, Special Testing &amp; Research Laboratory, DEA</li></ul> <p><i>Moderated by William MacCrehan, Research Chemist, CSD, NIST</i></p>
5:00 PM	<b>CLOSING REMARKS</b>

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- John Paul Jones II, Program Manager, OLES, NIST

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