



# Emerging Trends in Synthetic Drugs Workshop

April 30 – May 1, 2013

## Draft Agenda



### April 30, 2013

8:30 – 9:00 am	<b>Arrive at NIST Green Auditorium &amp; Visit Registration Table</b>
9:00 – 9:30 am	<b>Opening Remarks</b> <ul style="list-style-type: none"><li>• John Paul Jones II, Program Manager, NIST</li><li>• Jeff Comparin, Laboratory Director, DEA Special Testing Laboratory</li><li>• Scott Oulton, Chair of SWGDRUG &amp; Associate Deputy Assistant Administrator, DEA Office of Forensic Sciences</li></ul>
9:30 – 10:15 am	<b>Emerging Trends in Synthetic Cannabinoids and Substitute Cathinones</b> <ul style="list-style-type: none"><li>• Overview of Problem* - Bob Bell, DEA, Office of Diversion Control</li></ul>
10:15 – 10:30 am	<b>Break</b>
10:30 – 11:45 am	<b>Federal Emerging Trends</b> <ul style="list-style-type: none"><li>• Classes and Structures of Emerging Drugs including Emerging Hallucinogens – Arthur Berrier, PhD, Senior Research Chemist, DEA &amp; Emily Dye, Forensic Chemist, DEA (40 min.)</li><li>• Control Scheduling and Pending Legislation* – Terry Boos, DEA</li></ul>
11:45 – 12:30 pm	<b>Emerging Trends in 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	<b>Lunch</b>
1:45 – 3:15 pm	<b>State and Local Emerging Trends #1: Synthetic Drug Structures, State Legislation, Brand Names, Novel Approaches to Analysis, &amp; How Analytical Results are Reported.</b> <ul style="list-style-type: none"><li>• Jim Wesley, Drug Chemistry Supervisor, Monroe County</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> Moderator:
3:15 – 3:30 pm	<b>Break</b>
3:30 – 4:15 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>
4:15 – 5:00 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, IRP National Institute on Drug Abuse, National Institutes of Health Biomedical Research Center</li></ul>

\*Presentation will not be available via webcast.

Updated: March 29, 2013 (Presentations Subject to Change)

**May 1, 2013**

8:30 – 9:00 am	<b>Arrive at NIST Green Auditorium &amp; Visit Registration Table</b>
9:00 – 9:10 am	<b>Opening Remarks</b> <ul style="list-style-type: none"> <li>• John Paul Jones II, Program Manager, NIST</li> </ul>
9:10 – 11:00am	<b>Identification and Standards</b> <ul style="list-style-type: none"> <li>• Criteria for Identification of Synthetic Drugs –Scott Oulton, Chair of SWGDRUG &amp; Associate Deputy Assistant Administrator, DEA Office of Forensic Sciences (30 min)</li> <li>• SWGDRUG Proposed Recommendation on Analogues and Structural Class Determinations, Linda Jackson, Vice Chair of SWGDRUG &amp; Director, Virginia Department of Forensic Science &amp; (20 min)</li> <li>• Authentication of Physical Standards – Roxanne Franckowski, Senior Forensic Chemist, DEA, SFL1 (30 min)</li> <li>• Validation/Authentication of Physical Standards – Nicole Astor, Chemistry Technical Leader for the Georgia Bureau of Investigation, Division of Forensic Sciences (30 min)</li> </ul> Moderator:
11:00 – 11:15 am	Break
11:15 – 12:30 pm	<b>Collaborative Efforts</b> <ul style="list-style-type: none"> <li>• Live Demo of Online Database Resources for the Identification of Novel and Emerging Drugs – Peter R. Stout, PhD, Senior Research Forensic Scientist, RTI International (45 min)</li> <li>• Advisory Committee for the Evaluation of Controlled Substances Analogs – Lindsay Reinhold, Forensic Chemist IV, National Medical Services (30 min)</li> </ul> Moderator: Karen Phinny, NIST
12:30 – 1:30 pm	Lunch
1:30 – 3:00 pm	<b>State and Local Emerging Trends #2:</b> Synthetic Drug Structures, State Legislation, Brand Names, Novel Approaches to Analysis, & How Analytical Results are Reported <ul style="list-style-type: none"> <li>• Anthony Tambasco, Forensic Scientist/Laboratory Director, Mansfield Police Department Crime Lab, Ohio</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> Moderator:
3:00 – 3:15 pm	Break
3:15– 5:00 pm	<b>Laboratory Analytical Techniques</b> <ul style="list-style-type: none"> <li>• Color Tests and Analytical Difficulties with Emerging Drugs of Abuse- Jeremy Morris, Johnson County Crime Laboratory, Missouri (30 minutes)</li> <li>• Drug Enforcement Administration Dosing Studies – Elizabeth Guest, PhD, Forensic Chemist, DEA (20 min)</li> <li>• Recommended Statistical Sampling Approach &amp; Real World Bulk Seizure Examples – Jill Head, Supervisory Chemist, DEA (20 min)</li> </ul>

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	<ul style="list-style-type: none"><li>• Interpretation and Potential Pitfalls of Analysis – Josh Yohannan, Forensic Chemist, DEA (40 min)</li></ul> Moderator:
5:00 pm	Closing Remarks <ul style="list-style-type: none"><li>• John Paul Jones II, Program Manager, NIST</li></ul>

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