



Emerging Trends in Synthetic Drugs Workshop

April 30 – May 1, 2013

Draft Agenda



April 30, 2013

8:30 – 9:00 am	Arrive at NIST Green Auditorium & Visit Registration Table
9:00 – 9:30 am	Opening Remarks <ul style="list-style-type: none"> • John Paul Jones II, Program Manager, NIST • Jeff Comparin, Laboratory Director, DEA Special Testing Laboratory • Scott Olton, Chair of SWGDRUG & Associate Deputy Assistant Administrator, DEA Office of Forensic Sciences
9:30 – 10:15 am	Emerging Trends in Synthetic Cannabinoids and Substitute Cathinones <ul style="list-style-type: none"> • Overview of Problem - Bob Bell, DEA, Office of Diversion Control (INVITED)
10:15 – 10:30 am	Break
10:30 – 11:45 am	Federal Emerging Trends <ul style="list-style-type: none"> • Classes and Structures of Emerging Drugs including Emerging Hallucinogens – Arthur Berrier, PhD, Senior Research Chemist, DEA & Emily Dye, Forensic Chemist, DEA (40 min.) • Control Scheduling and Pending Legislation – Terry Boos, DEA (INVITED)
11:45 – 12:30 pm	Emerging Trends in Designer Drugs in the European Union <ul style="list-style-type: none"> • Andrew Cunningham, European Monitoring Centre for Drugs and Drug Addiction (EMCDDA), Lisbon, Portugal
12:30 – 1:45 pm	Lunch
1:45 – 3:15 pm	State and Local Emerging Trends #1: Synthetic Drug Structures, State Legislation, Brand Names, & Novel Approaches to Analysis. <ul style="list-style-type: none"> • XXXXXX, Northeastern Association of Forensic Scientists, (INVITED) • XXXXXX, Mid-Atlantic Association of Forensic Scientists (INVITED) • Joseph Graves, Crime Lab Analyst Supervisor, Drug Chemistry Florida Department of Law Enforcement <p>Moderator:</p>
3:15 – 3:30 pm	Break
3:30 – 5:00 pm	State and Local Emerging Trends #2 in Synthetic Drug Structures, State Legislation, Brand Names being seen, novel approaches to analysis. <ul style="list-style-type: none"> • Anthony Tambasco, Forensic Scientist/Laboratory Director, Mansfield Police Department Crime Lab, Ohio

Updated: March 11, 2013 (Presentations Subject to Change)

	<ul style="list-style-type: none"> • XXXXXX, Northwest Association of Forensic Scientists, & California Association of Criminalists • XXXXXX, Southwestern Association of Forensic Scientists <p>Moderator:</p>
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May 1, 2013

8:30 – 9:00 am	Arrive at NIST Green Auditorium & Visit Registration Table
9:00 – 9:10 am	Opening Remarks <ul style="list-style-type: none"> • John Paul Jones II, Program Manager, NIST
9:10 – 11:00am	Identification and Standards <ul style="list-style-type: none"> • Criteria for Identification of Synthetic Drugs –Scott Olton, Chair of SWGDRUG & Associate Deputy Assistant Administrator, DEA Office of Forensic Sciences (30 min) • SWGDRUG Recommendation on Analogues and Structural Class Determinations, Linda Jackson, Vice Chair of SWGDRUG & Director, Virginia Department of Forensic Science & (20 min) • Authentication of Physical Standards – Roxanne Franckowski, Senior Forensic Chemist, DEA, SFL1 (30 min) • Validation/Authentication of Physical Standards – Nicole Astor, Chemistry Technical Leader for the Georgia Bureau of Investigation, Division of Forensic Sciences (30 min) <p>Moderator:</p>
11:00 – 11:15 am	Break
11:15 – 12:30 pm	Collaborative Efforts <ul style="list-style-type: none"> • 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) • Advisory Committee for the Evaluation of Controlled Substances Analogs – Lindsay Reinhold, Forensic Chemist IV, National Medical Services (30 min) <p>Moderator: Karen Phinny, NIST</p>
12:30 – 1:30 pm	Lunch
1:30 – 2:15 pm	Toxicological Aspects of Synthetic Drugs <ul style="list-style-type: none"> • Barry Logan, PhD, Executive Director, Center for Forensic Science Research and Education, National Medical Services.
2:15 – 3:00 pm	Pharmacology of Synthetic Drugs <ul style="list-style-type: none"> • 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
3:00 – 3:15 pm	Break

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3:15- 5:00 pm	<p>Laboratory Analytical Techniques</p> <ul style="list-style-type: none"> • Drug Enforcement Administration Dosing Studies – Elizabeth Guest, PhD, Forensic Chemist, DEA (20 min) • Recommended Statistical Sampling Approach & Real World Bulk Seizure Examples – Jill Head, Supervisory Chemist, DEA (20 min) • Interpretation and Potential Pitfalls of Analysis – Josh Yohannan, Forensic Chemist, DEA (40 min) • Extraction of Chemicals from Botanical Materials & Color Tests - Jeremy Morris, Johnson County Crime Laboratory, Missouri (30 minutes) (INVITED) <p>Moderator:</p>
5:00 pm	<p>Closing Remarks</p> <ul style="list-style-type: none"> • John Paul Jones II, Program Manager, NIST

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