

Indiana University
Robert F. Borkenstein Center for Studies of Law in Action
The Effects of Drugs on Human Performance and Behavior
April 11th – 16th, 2010

Indiana Memorial Union - Frangipani Room

Sunday, April 11th

11:00 – Noon
Registration

Noon – 12:15
Introduction and Welcome
Jere Joiner

12:15 – 1:15
DUID and Overview of Approaches to Drug Impaired Driving Casework
Barry K Logan, NMS Labs, Willow Grove PA, CSLA Executive Director

1:15 – 1:30 – **BREAK**

1:30 – 2:30
The Drug Recognition Expert (DRE) Program in the USA
Joseph Turner, Indiana

2:30 – 2:45 – **BREAK**

2:45 – 3:45
DRE Program, SFSTs
Joseph Turner (Cont'd)

3:45 – 4:00 – **BREAK**

4:00 – 5:00
The DUID case from Arrest to Prosecution I
H Chip Walls, University of Miami

6:00 – 8:00
WELCOME DINNER
IMU State Room

Monday, April 12th

8:00 – 9:00
Principles of Pharmacology and Drug Effects – Stimulants and Hallucinogens
Lionel Raymon, University of Miami

9:00 – 9:15 – **BREAK**

9:15 – 10:30
MDMA– Effects on actual driving performance
Jan Ramaekers, University of Maastricht

10:30 – 10:45 – **BREAK**

10:45 – Noon

Amphetamines: Effects on Human Performance and Behavior
Barry K Logan, NMS Labs, CSLA Executive Director

Noon – 1:00 – **LUNCH**

1:00 – 2:30

Cocaine: Effects on Human Performance and Behavior
Dan Isenschmid, Wayne County (Detroit) Medical Examiners Office

2:30 – 2:45 – **BREAK**

2:45 – 3:45

Hallucinogens, and Dissociative Drugs: Effects on Human Performance and Behavior
Amy Cochems, WSLH

3:45 – 4:00 – **BREAK**

4:00 – 5:00

Inhalants and Driving Impairment
Jayne Thatcher, University of Washington, Seattle WA

Tuesday, April 13th

8:00 – 9:00

Principles of Pharmacology and Drug Effects – Benzodiazepines and Opiates
Lionel Raymon, University of Miami

9:00 – 9:15 – **BREAK**

9:15 – 10:45

Benzodiazepines and Driving Impairment
Jayne Thatcher, University of Washington, Seattle WA

10:45 – 11:00 – **BREAK**

11:00 – Noon

Zolpidem and other Imidazopyridines
Amy Cochems, WSLH, WI

Noon – 1:00 – **LUNCH**

1:00 – 2:00

Selected CNS Depressants: Effects on Human Performance and Behavior
Barry K Logan, NMS Labs, Willow Grove PA, CSLA Executive Director

2:00 – 2:15 – **BREAK**

2:15 – 3:15

CNS Depressants: antidepressants and anxiolytics – on road driving studies
Jan Ramaekers, Maastricht University, The Netherlands

3:15 – 3:30 – **BREAK**

3:30 – 5:00

Opiates: Effects on Human Performance and Behavior
Karen Scott, University of Glasgow, Scotland

Wednesday, April 14th

8:00 – 9:00

Principles of Pharmacology and Drug Effects – Cannabis
Lionel Raymon, University of Miami

9:00 – 9:15 – **BREAK**

9:15 – 10:30

Marijuana: Effects on Human Performance and Behavior
Marilyn Huestis

10:30 – 10:45 – **BREAK**

10:45 – Noon

Marilyn Huestis (Cont'd)

Noon – 1:00 – **LUNCH**

1:00 – 2:30

On Road Driving Studies: Cannabis
Jan Ramaekers, University of Maastricht, The Netherlands

2:30-3:00 – **BREAK and CLASS PHOTOGRAPH**

3:00 – 4:30

Faculty Q&A Panel

5:00 – 6:30

IU Criminal Justice Department Wine and Cheese reception
IU Art Gallery

Thursday, April 15th

8:00 – 9:15

DUID Information Resources and Online Research
Jeff Teitelbaum, MLIS, Librarian and information specialist, Washington State Toxicology Laboratory,
Seattle WA

9:15 – 9:30 – **BREAK**

9:30 – 10:15

DUID in The UK and Europe – Differences in Approaches

10:15 – 11:15

The DUID case from Arrest to Prosecution II
H Chip Walls, University of Miami

11:15 – 11:30 – **BREAK**

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11:30 – 12:30

Recommendations for Analytical Testing in DRE cases
Laurel Farrell, ASCLD/LAB, Longmont, CO

12:30 – 1:30 – **LUNCH**

1:30 – 2:30

Forensically Defensible Drug and Alcohol Testing in DUID - Laboratory Aspects
Bruce Goldberger

2:30 – 2:45 – **BREAK**

2:45 – 3:45

Goldberger (Cont'd)

3:45 – 4:00 – **BREAK**

4:00 – 5:00

Goldberger (Cont'd)

Friday April 16th

8:00 – 9:15

DUID Oral fluid testing and NHTSA's National Roadside Survey of Drug Use by Drivers
Christine Moore, Immunalysis

9:15 – 9:30 – **BREAK**

9:30 – 10:45

Presenting Drug Impairment Evidence in Court
Stephen Talpins, Alcohol Monitoring Systems

10:45 – 11:00 – **BREAK**

11:00 – Noon

Presenting Drug Impairment Evidence in Court
Talpins (Cont'd)

Noon – 12:15

Wrap up and presentation of certificates
Jere Joiner