

April 5-10th, 2009

Drugs and Human Performance Indiana University

Indiana University
Robert F. Borkenstein Center for Studies of Law in Action
The Effects of Drugs on Human Performance and Behavior
April 5th – 10th 2009

Indiana Memorial Union - Frangipani Room

Sunday, April 5th

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 – 2:45
The Drug Recognition Expert (DRE) Program in the USA
Joseph Turner, Indiana

2:45 – 3:00 – **BREAK**

3:00 – 4:00
DRE Program, SFSTs
Joseph Turner contd.

4:00 – 5:00
Background to SFST's and other approaches to impairment detection
Professor Herbert Moscowitz, Southern California Research Institute

6:00 p.m. – 8:00pm
WELCOME DINNER
IMU State Room

Monday, April 6th

8:00 – 9:00
Principles of Pharmacology and Drug Effects – Cannabis and Hallucinogens
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**

April 5-10th, 2009

Drugs and Human Performance Indiana University

10:45 – noon
Marilyn Huestis contd.

Noon – 1:00 – **LUNCH**

1:00 – 2:30
On Road Driving Studies: Cannabis
Jan Ramaekers, University of Maastricht, The Netherlands

2:30-2:45 – **BREAK**

2:45 – 3:45
Dissociative Drugs: Effects on Human Performance and Behavior
Barry K Logan, NMS Labs, Willow Grove PA, CSLA Executive Director

3:45 – 4:00 – **BREAK**

4:00 – 5:00
Inhalants and Driving Impairment
Jayne Clarkson, Washington State Toxicology Laboratory, Seattle WA

Tuesday, April 7th

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

9:00 – 9:15 – **BREAK**

9:15 – 10:15
Opiates: Effects on Human Performance and Behavior
Laurel Farrell

10:15 – 10:30 – **BREAK**

10:30 – Noon
Benzodiazepines and Imidazopyridines
H. Chip Walls, University of Miami

Noon – 1:00 – **LUNCH**

1:00 – 1:30
Alprazolam and Driving Impairment
H. Chip Walls, University of Miami

1:30 – 2:00
Lorazepam and Driving Impairment
Jayne Clarkson, Washington State Toxicology Laboratory, Seattle WA

April 5-10th, 2009

Drugs and Human Performance Indiana University

2:00 – 2:15 - **BREAK**

2:30 – 3:30

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

3:30 - 3:45 – **BREAK**

3:45 – 4:45

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

Wednesday, April 8th

8:00 – 9:00

Principles of Pharmacology and Drug Effects – Stimulants
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 – 3:00 – **BREAK**

3:00 – 4:00

Faculty Q&A Panel

4:30 – 6:00

IU Criminal Justice Department Wine and Cheese reception
IU Art Gallery

Thursday, April 9th

8:00 – 9:00

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

9:00 – 9:15 – **BREAK**

9:15 – 10:15

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

April 5-10th, 2009

Drugs and Human Performance Indiana University

10:15 – 10:30 – **BREAK**

10:30 – 11:15

The DRUID Project

Alain Verstraete, Ghent University Hospital, Belgium

11:15 – Noon

Recommendations for Analytical Testing in DRE cases

Laurel J Farrell

Noon – 1:00 – **LUNCH**

1:00 – 2:00

Forensically Defensible Drug and Alcohol Testing - Laboratory Aspects

Bruce Goldberger

2:00 – 2:15 – **BREAK**

2:15 – 3:15

Goldberger (Cont'd)

3:15 – 3:30 - **BREAK**

3:30 – 4:30

Goldberger (Cont'd)

Friday April 10th

8:00 – 8:45

Per Se Approaches to DUID legislation in Europe

Alain Verstraete, Ghent University Hospital, Belgium

8:45 – 9:00 – **BREAK**

9:00 – 10:30

Presenting Drug Impairment Evidence in Court

Stephen Talpins, Alcohol Monitoring Systems

10:30 – 10:45 – **BREAK**

10:45 – 11:45

Presenting Drug Impairment Evidence in Court

Talpins (Cont'd)

11:45 – Noon

Wrap up and presentation of certificates

Jere Joiner