

April 13-18th 2008

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 13th - April 18th, 2008

Indiana Memorial Union - Frangipani Room

Sunday, April 13th

12:00 noon
Registration

1:00 – 1:15
Introduction and Welcome
Jere Joiner

1:15 – 2:15
Overview of Approaches to Drug Impaired Driving Casework
Barry Logan, IU CSLA Executive Director

2:15-2:30 – **BREAK**

2:30 – 3:30
The Drug Recognition Expert (DRE) Program in the USA
Joseph Turner, Indiana

3:30 – 3:45 – **BREAK**

3:45 – 5:00
DRE Program, SFSTs
Joseph Turner contd.

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

Monday, 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 contd.

April 13-18th 2008

Drugs and Human Performance Indiana University

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

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

3:45 – 4:00 – **BREAK**

4:00 – 5:00

Dissociative Drugs: Effects on Human Performance and Behavior
Barry K Logan, Barry Logan, IU CSLA Executive Director

Tuesday, April 15th

8:00 – 9:00

Principles of Pharmacology and Drug Effects – Opiates and Depressants
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 – 2:00

Antihistamines: Effects on Human Performance and Behavior
Eef Theunissen, University of Maastricht, The Netherlands

2:00 – 2:15 - **BREAK**

2:15 – 3:30

Selected CNS Depressants: Effects on Human Performance and Behavior
Barry K Logan, Barry Logan, IU 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

April 13-18th 2008

Drugs and Human Performance Indiana University

Wednesday, April 16th

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, Barry Logan, IU CSLA Executive Director

Noon – 1:00 – **LUNCH**

1:00 – 2:00

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

2:00 – 2:15 – **BREAK**

2:15 – 3:15

Inhalants: DUI Case studies
Barry K Logan, Barry Logan, IU CSLA Executive Director

3:15 – 3:30 - **BREAK**

3:30 – 4:30

Faculty Q&A Panel

5:00 – 7:00

IU Criminal Justice Department Wine and Cheese reception
Lilly Library

Thursday, April 17th

8:00 – 9:00

Pharmacoeidemiology – Applications for Drug Impaired Driving Research
Jorg Morland, Norwegian National Center for Forensic Sciences

9:00 – 9:15 – **BREAK**

9:15 – 10:15

Morland Contd.

10:15 – 10:30 – **BREAK**

April 13-18th 2008

Drugs and Human Performance Indiana University

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 – 1:45

National Roadside Survey on Drug Use by Drivers

Christine Moore, Immunalysis

1:45 – 2:00 – **BREAK**

2:00 – 3:30

Forensically Defensible Drug and Alcohol Testing - Laboratory Aspects

Bruce Goldberger

3:30 – 3:45 – **BREAK**

3:45 – 5:00

Goldberger (Cont'd)

Friday April 18th

8:00 – 8:45

Per Se Approaches to DUID legislation in Europe and the US

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