

Inhalant Abuse Among Children and Adolescents: Consultation on Building an International Research Agenda

National Institute on Drug Abuse/Fogarty International Center

AGENDA

Monday, November 7, 2005

- 9:00 a.m. Welcome and Introductions**
Kathleen Michels, John E. Fogarty International Center
Steven W. Gust, National Institute on Drug Abuse
Sharon Hrynkow, John E. Fogarty International Center
Timothy P. Condon, National Institute on Drug Abuse
Laura E. Commanda, Institute of Aboriginal Peoples' Health, Canada
José Ángel Prado García, Consejo Nacional Contra las Adicciones, Mexico
- 9:20 a.m. Objectives: Assessing the Problem, Setting the Agenda**
Steven W. Gust, National Institute on Drug Abuse
Kathleen Michels, John E. Fogarty International Center
- 9:30 a.m. Keynote Presentation:
The Public Health Impact of Inhalant Abuse**
Robert L. Balster, Virginia Commonwealth University
- 10:15 a.m. Break**
- 10:45 a.m. World Reports: Epidemiology of Inhalant Abuse
Section I**
MODERATORS/FACILITATORS:
Wilson Compton, National Institute on Drug Abuse
Laura E. Commanda, Institute of Aboriginal Peoples' Health, Canada

PRESENTATIONS:
**10:50 a.m. Epidemiology of Inhalant Abuse in Mexico:
Impact on Public Health**
María Elena Medina-Mora, Mexican Institute of Psychiatry

11:15 a.m. What the Data Tell Us about Solvent Abuse in Canada
Colleen Anne Dell, Canadian Centre on Substance Abuse

**11:35 a.m. Epidemiology of Inhalant Use in the United States:
Correlates and Consequences**
Li-Tzy Wu, Duke University School of Medicine
- 12:15 p.m. Lunch**
- 1:30 p.m. Special Reading from "An Ex-Mas Feast" and Commentary**
Uwem Akpan, University of Michigan

November 7–9, 2005

Neuroscience Center Conference Room C • 6001 Executive Boulevard • Rockville, Maryland, USA
Page 1 of 5

- 2:00 p.m.** **World Reports: Epidemiology of Inhalant Abuse
Section II**
MODERATORS/FACILITATORS:
Moirá O'Brien, National Institute on Drug Abuse
Lourdes Schnaas, Instituto Nacional de Perinatología, Mexico
- PRESENTATIONS:
- 2:05 p.m.** **Inhalant Abuse among Juvenile Delinquents in the
United States**
Matthew O. Howard, University of Michigan
- 2:35 p.m.** **Summary of Russian Regional Data on Inhalants**
Edwin Zvartau, Pavlov State Medical University
- 3:05 p.m.** **Epidemiology of Inhalants in Peru**
Inés Verónica Bustamante, Universidad Peruana Cayetano
Heredia
- 3:35 p.m.** **Isolating Precursors from Consequences of Inhalant Use**
Diana Fishbein, Research Triangle Institute-International
- 4:00 p.m.** **Discussion of Knowledge Gaps and Research Needs**
- 5:00 p.m.** **Adjourn**

Tuesday, November 8, 2005

- 8:45 a.m.** **Welcome**
Steven W. Gust, National Institute on Drug Abuse
- 9:00 a.m.** **Impact of Inhalants on the Brain: Neuroscience and Clinical Research
Section III**
MODERATORS/FACILITATORS:
David Shurtleff, National Institute on Drug Abuse
Richard Brière, Institute of Neurosciences, Mental Health and Addiction, Canada
- PRESENTATIONS:
- 9:10 a.m.** **Solvents and Ethanol: More Alike Than We Thought**
Silvia L. Cruz, Department of Pharmacobiology, Cinvestav
- 9:40 a.m.** **Comparing Effects of Nitrous Oxide to Various Anesthetics
and Alcohol**
Diana J. Walker, The University of Chicago
- 10:05 a.m.** **Novel Cellular Targets for the Effects of Abused Solvents**
John J. Woodward, Medical University of South Carolina
- 10:30 a.m.** **Break**

Tuesday, November 8, 2005 (continued)

10:50 a.m. Recent Imaging Approaches to Studying Pharmacokinetics of Solvents
Stephen L. Dewey, Brookhaven National Laboratory

11:15 a.m. Early Research and New Opportunities for Neuroscience and Clinical Research at the Mexican National Institute on Psychiatry
Jorge González Olvera, Mexican Institute of Psychiatry

11:45 am Discussion of Knowledge Gaps and Research Needs

12:15 p.m. Lunch

1:30 p.m. Impact of Inhalants on the Brain: Neuroscience and Clinical Research Section IV

MODERATORS/FACILITATORS:

Charles Sharp, National Institute on Drug Abuse

Silvia L. Cruz, Department of Pharmacobiology, Cinvestav

PRESENTATIONS:

1:35 p.m. Fetal and Neonatal Effects of Inhalant Abuse
Milton Tenenbein, University of Manitoba

2:05 p.m. Animal Models for Assessing the Effects of Maternal Inhalant Abuse
Scott Earl Bowen, Wayne State University

2:35 p.m. Break

3:00 p.m. Inhalant Abuse and Related Toxicity: The Philippine Experience
Irma Makalinao, University of the Philippines

3:30 p.m. Pharmacologic Quagmire
Charles Sharp, National Institute on Drug Abuse

4:00 p.m. Discussion of Knowledge Gaps and Research Needs

5:00 p.m. Adjourn

Wednesday, November 9, 2005

8:45 a.m. Welcome
Patricia Needle, Consultant, National Institute on Drug Abuse

November 7–9, 2005

Neuroscience Center Conference Room C • 6001 Executive Boulevard • Rockville, Maryland, USA
Page 3 of 5

9:00 a.m.

**Inhalant Abuse: Interventions for Prevention and Treatment
Section V**

MODERATORS/FACILITATORS:

Patricia Needle, Consultant, National Institute on Drug Abuse
Colleen Anne Dell, Canadian Centre on Substance Abuse

PRESENTATIONS:

9:05 a.m. Issues on Developing Prevention Interventions
Harvey Weiss, National Inhalant Prevention Coalition

9:20 a.m. Issues on Developing Treatment Interventions
Debra Dell, Youth Solvent Addiction Committee

**9:35 a.m. The Work of Friends International in Cambodia
From Mainstream to Gateway: Inhalants among Cambodian
Street Children**
Sebastien Marot, Friends International

**10:00 a.m. Inhalant Abuse by Street Children in Brazil:
Causes and Consequences**
Helena Maria Tannhauser Barros, Fundação Faculdade Federal
de Ciências Médicas

10:25 a.m. Break

**10:45 a.m. Glues or Paint Thinner: Understanding the Nature and
Extent of Inhalant Use in Turkey**
Kültegin Ögel, Bakirkoy State Hospital

**11:10 a.m. Lessons from the Validation of Multisystemic Therapy (MST)
for Substance-Abusing Adolescents**
Scott Henggeler, Medical University of South Carolina

**11:35 a.m. Finding Answers from Within: Interventions with Aboriginal
Young People and Their Families**
Grant Charles, University of British Columbia

11:50 a.m. Impact of Inhalant Use in Venezuela
Elvia Amesty, José Félix Ribas Foundation

12:00 p.m.

Discussion of Knowledge Gaps and Research Needs

1:00 p.m.

Lunch

2:00 p.m.

**Reformulation of Products with Abuse Liability:
Industry Responses to Research**

MODERATOR:

Robert L. Balster, Virginia Commonwealth University

PRESENTATIONS:

2:10 p.m. Abuse Liability

Scott Earl Bowen, Wayne State University

2:30 p.m. Industry Response to Research

Edwin Zvartau, Pavlov State Medical University

3:00 p.m.

Research Funding Opportunities

MODERATORS:

Steven W. Gust, National Institute on Drug Abuse

Kathleen Barros, John E. Fogarty International Center

PRESENTATIONS:

3:00 p.m. CANADA

Richard Brière, Institute of Neurosciences, Mental Health and
Addiction

3:20 p.m. UNITED STATES

David Shurtleff, National Institute on Drug Abuse

3:40 p.m. MEXICO

José Ángel Prado García, Consejo Nacional Contra las
Adicciones

4:00 p.m.

Closing Remarks and Summary

Steven W. Gust, National Institute on Drug Abuse

Kathleen Michels, John E. Fogarty International Center

4:15 p.m.

Adjourn