IUPAC-UNESCO-UNIDO
Safety Training Program
Workshop

August 17, 2005 | Beijing, China
IUPAC General Assembly and Congress

10:00  Introductory Remarks
Dr. David A. Evans, Chairman, IUPAC Committee on Chemistry and Industry

10:15  The IUPAC-UNESCO-UNIDO Safety Training Program
Dr. Mark C. Cesa, Coordinator, Safety Training Program

10:30  The Need for Training in the Development of Health, Safety and Environment
Management System in China
Shanjun Mu, Deputy Director, SINOPEC Research Institute of Safety Engineering;
Deputy Director, National Registration Center for Chemicals, NRCC

10:45  The Major Challenges Facing the Proper Application of Chemical Safety
Regulations in the Third World Countries
Ali A. El-Emam, Department of Medicinal Chemistry, University of Mansoura, Egypt

11:00  Dissemination of Safety Concepts Through Education
Esma Toprak, Department of Chemical Engineering, Bogazici University, Istanbul, Turkey

12:00  Lunch

13:00  Material Safety Data Sheets (MSDS) – A Hazard Communication Tool that is
Largely Ignored in Kenya
Kelvin Khisa, UNIDO National Cleaner Production Centre, Nairobi, Kenya

13:30  The Status of Occupational Health and Safety in Kenya
Jane Nyakang’o, UNIDO National Cleaner Production Centre, Nairobi, Kenya

14:00  Pharmaceutical and Chemical Waste Management in Uruguay
Ana Luisa Arocena, Montevideo, Uruguay

14:30  Break

14:45  Challenges/Applications of Safety & Environmental Best Practices: IUPAC-
UNESCO-UNIDO Fellowship Feedback
Tersoo Charles Gwaza, Shell Petrochemical Development Company, Port
Harcourt, Nigeria

15:15  IUPAC-UNESCO-UNIDO Environmental Safety and Management Training: The
Impact on Research Institutes in Nigeria
Isiaka O. Bakare, Rubber Research Institute of Nigeria, Benin City, Nigeria

15:45  How to Improve HSE Management Benchmark Level in China
Zhang Guo-Hong, Unilever China

16:15  The IUPAC-UNESCO-UNIDO Safety Training Program – Opportunities for
Expansion and Enhancement
Alexandre Pokrovsky, IOCD Representative to IUPAC, First Vice-President of the
International Foundation for Science Education (IFSE)

16:30  Panel Discussion
The IUPAC-UNESCO-UNIDO Safety Training Program – Successes and
Opportunities for Improvement

17:00  Adjourn
Acknowledgments to all who support the STP, including IUPAC, UNESCO, SINOPEC, BP, Bristol-Myers Squibb, Sankyo, Sasol, and Mitsui.

[From left: Mark Cesa (COCI), Zhang Guo-Hong, Isiaka Bakare, Jane Nyakang'o, Ali El-Emam, Esma Toprak, Tersoo Charles Gwaza, Ana Luisa Arocena, Kelvin Khisa, M. S. Alam (UNESCO)]

For more information, including access to abstracts and summaries, see project 2004-031-1-022 on the Safety Training Program