

## CURRICULUM DEVELOPMENT FOR AGRICULTURAL OCCUPATIONAL HEALTH: The Kentucky Experience

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In 2001, the University of Kentucky's NIOSH-funded Southeast Center for Agricultural Health started a 5-year effort to place agricultural health and safety into the curriculum of a new MPH program. The purpose of this curriculum is to design, implement, and evaluate a Health of Agricultural Populations "emphasis area" in a MPH program. It is administered as an optional trans-departmental offering. The agricultural curriculum is open to Master of Public Health students in any of the school's five departments:

Epidemiology, Biostatistics, Health Services Management, Occupational and Environmental Health, and Health Behavior. Students are recruited from a wide range of disciplines, including agricultural engineering, agricultural cooperative extension, persons working with migrant workers, and others. Seven objectives for the track have been established, including identification of occupational and farm lifestyle risks, working with multi-disciplinary groups, and prevention for special populations in the agricultural workforce. The total number of semester hours for the MPH program is 33-36. Of these, a minimum of 15 hours of agricultural health coursework is required, including courses in Health of Agricultural Populations, Injury Control, a seminar in Agricultural Health, plus a 3-to 6-hour practicum in research, practice, or service related to the health of agricultural populations. This small innovative program might serve as a curriculum model for other occupational health programs which could target other high-risk industries, such as construction, health care, and mining.

- Health and Safety - The Hidden Aspects of Call Centers. *Sunita Kaistha, MPhil, PhD, India*
- Post Traumatic Stress and the Work Place: Experiences of the 2001 Foot and Mouth Disease Epidemic. *Ian Convery, RN, BSc (Hons), MSc, United Kingdom.* Coauthors: *Maggie Mort, PhD; Josephine Baxter, Cathy Bailey, PhD*
- A Risk-Communication Revolution: Process Versus Event. *Marilyn Null, BA, USA*
- Variations in Industry Compliance with the OSHA Bloodborne Pathogens (BBPs) Standard in the US. *Guang Xiang Chen, MD, MS, USA.* Coauthor: *E. Lynn Jenkins, MA*

### **Training Issues in the Mining Industry**

#### ***Pratt 'B' Room***

#### ***Lower Lobby Level***

Moderator: *Gabriela Moreno, MD, Chile*

- Learning from the Master: Effective Training for Miners. *Elaine Cullen, BA, MBA, CMSP, USA*
- Biologically Effective UV B Doses in Miners at High Altitude in Northern Chile, SA. *Gabriela Moreno, MD, Chile.* Coauthor: *Sergio Cabrera, PhD*
- Toolbox Training for Sand and Gravel Miners. *Lani Boldt, MS, CMSP, USA.* Coauthor: *Floyd Varley*
- Evaluating the Role of Positive and Negative Emotion in Promoting Hearing Conservation Behaviors Among Coal Miners. *M. Stephenson, PhD; USA.* Coauthors: *Charles Vaught, PhD, CMSP; K. Witte, PhD,*
- A Training Strategy that Involves All Employees in Workplace Communication/Risk Management. *Launa Mallett, PhD, USA.* Coauthors: *Michael J. Brnich, Jr., CMSP; Charles Vaught, PhD, CMSP*

### **Curriculum Development in Occupational Health and Information Effect**

#### ***Calhoun Room***

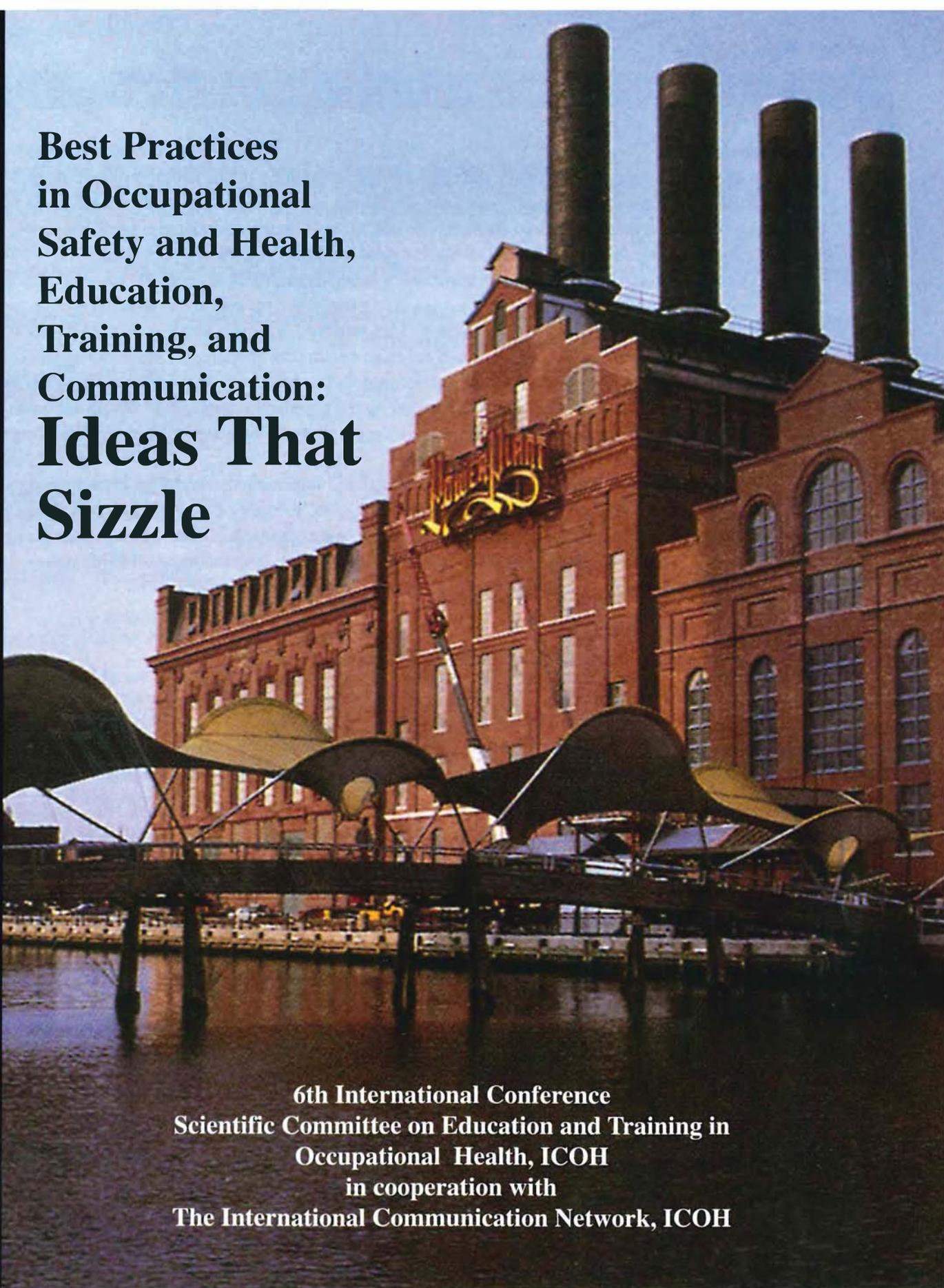
#### ***Cabana Level, South***

Moderator: *Raphael Masschelein, MD, PhD, Belgium*

- Curricula Development for Agricultural Occupational Health: The Kentucky Experience. *Robert McKnight, MPH, ScD, USA*
- Towards a Harmonised Training Program for Occupational Health Physicians in Europe: The Ambitions and Limitations of EASOM. *Raphael Masschelein, MD, PhD, Belgium*
- Core Curriculum for an Occupational Medicine Specialization Course. *Jose Miguel Ramos, MD, Mexico.* Coauthor: *Silvia Ramirez, MD*
- Training Information of Different Complexities. *Natalia Bobko, PhD, Ukraine*

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