

Society for Chemical Hazard Communication

Professional Development Training

Toxicology for Hazard Communication

Saturday, September 22, 2012

Crystal Gateway Marriott Hotel Arlington, Virginia

COURSE DESCRIPTION

This course is designed to provide an overview of the principles of toxicology as they relate to hazard communication. An emphasis is placed on toxicologic principles that directly apply to OSHA health hazards as defined in Appendix A of 29 CFR §1910.1200. The goal of this course is to provide participants with a basic understanding of the principles of toxicology and the processes by which chemicals produce adverse health effects. The course is based on an organ and system approach to toxicology. This approach first involves an understanding of normal organ and system structure, function, and capacity. This is then followed by an assessment of how specific chemicals alter one or more of these parameters to produce adverse health effects. The skills developed in this course will better allow participants to understand and/or participate in the toxicologic aspects of hazard determinations and risk assessments. This .course has been updated to align with OSHA HazCom 2012.

This is a basic course and there are no prerequisites. However, it is recommended that participants have a basic understanding of human anatomy and physiology (*i.e.*, college biology).

COURSE DIRECTOR:



Robert Skoglund, Ph.D., DABT, CIH

Dr. Skoglund is a Senior Laboratory Manager at the 3M Company. His primary responsibilities include corporate oversight of material EHS issues including global hazard communication and other applied and regulatory toxicology issues and programs.

COURSE INSTRUCTOR:



Hillary Carpenter, Ph.D.

Dr. Carpenter is a Toxicologist at the Minnesota Department of Health in St. Paul, Minnesota. His primary responsibilities include conducting human health and environmental risk assessments. In addition he is involved with the development of health-based toxicity values for environmental contaminants such as industrial chemicals, pesticides and metals. Dr. Carpenter also provides toxicological support for the Minnesota Fish Consumption Advisory Program.

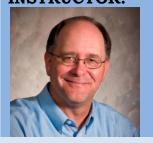
COURSE INSTRUCTOR:



Catherine F. Jacobson, Ph.D., DABT

Dr. Jacobson is a Senior Toxicology Specialist at 3M Company. Her primary responsibilities include assessing the human health hazards and risks of raw materials, intermediates, and products for several 3M business units. In addition, she is responsible for authoring hazard communication documents, tracking emerging material EHS regulations, and developing comprehensive health hazard profiles for substances important to 3M.

COURSE INSTRUCTOR:



Robert Roy, Ph.D., DABT

Dr. Roy is a Lead Toxicology Specialist at 3M in St. Paul, Minnesota. His primary responsibilities include assessing the human health hazards and safety of products and other materials for several 3M business units. In addition he plays a leadership role in 3M Occupational Exposure Guideline development; California Proposition 65 compliance; consumer product labels; and hazard determination, hazard communication, and risk assessment issues.

INTENDED AUDIENCE

Hazard communication professionals looking to strengthen their understanding of toxicology and to broaden their hazard determination and risk assessment skills.

COURSE FEE:

\$400.00 MEMBERS \$490.00 NON-MEMBERS

COURSE	Saturday, Sep	otember 22, 2012
TOPICS	7:30 - 8:00	Registration (continental Breakfast provided)
AND SCHEDULE	8:00 - 9:10	Introduction Principles of Toxicology
	9:10 - 9:25	Break
	9:25 - 10:35	Toxicology of the Endocrine System Toxicology of the Hematopoietic System Toxicology of the Immune System
Subject to	10:35 - 10:50	Break
change	10:50 - 12:00	Toxicology of the Respiratory System Toxicology of the Reproductive System Developmental Toxicology
	12:00 - 1:00	Lunch (provided)
	1:00 - 2:10	Toxicology of the Cardiovascular System Toxicology of the Nervous System Genotoxicity, Mutagenicity, and Carcinogenicity
	2:10 - 2:25	Break
	2:25 - 3:35	Toxicology of the Liver Toxicology of the Kidney Toxicology of the Eye
	3:35 - 3:50	Break
	3:50 - 5:00	Toxicology of the Skin Toxicology of Miscellaneous Target Organs and Systems Information Resources

REGISTRATION

Admission to the course will be on a first come basis. Reserve space and obtain a registration number from the SCHC office by contacting Lori Chaplin at schc.lori@verizon.net or 703/658-9246. To avoid disappointment, do not send payment until a confirmation number has been obtained. Course fee is \$400.00 for SCHC Members and \$490.00 for nonmembers, and includes notebooks. Payment must be received by August 17, 2012 to secure your space. Space is limited.

TO REGISTER

- Fill out the registration form located on SCHC's website: http://www.schc.org
- SCHC accepts checks, Visa, MasterCard and American Express.

CANCELLATION POLICY

No refunds will be given after August 17, 2012. No one will be admitted to the course
unless all fees have been paid in advance. Substitutions are permitted. Every effort
has been made to ensure the information in this brochure is accurate. SCHC reserves
the right to modify this course without prior notice or to cancel the course 30 days prior
to the course date. In the event this course is canceled, SCHC's obligation is limited to
a full refund of the course fee.

HOTEL ACCOMMODATIONS

 Arrangements have been made for a block of rooms at the Crystal Gateway Marriott Hotel, 1700 Jefferson Davis Highway, Arlington, Virginia 22202 (703/920-3230). The rate is \$179/night through August 17, 2012. You must identify yourself with SCHC when making reservations – group code sccscca.