



Society for Chemical Hazard Communication  
Professional Development Training

**Advanced Topics in EHS: Toxicology of the Liver and Kidney**

Monday, September 29, 2014

Crystal Gateway Marriott Hotel – Arlington, Virginia

**Course Description**

The *Advanced Topics in EHS* series of courses is designed to expand on topics that are introduced in the basic SCHC courses. The topics of the toxicology of the liver and kidney are introduced in the SCHC course *Toxicology for Hazard Communication*.

The goal of this course is to provide participants with a detailed understanding of the toxicology of the liver and kidney. Emphasis is placed on an understanding of the basic science of these topics and the development of the technical skills and background necessary to develop, evaluate, and/or apply hazard determinations, hazard classifications, and/or risk assessments involving chemicals or mixtures with the potential to cause adverse effects of the liver or kidney.

This is an advanced course. While there are no formal prerequisites for this course, it is strongly recommended that participants have a working knowledge of MSDS and labels and that they have either taken the SCHC course *Toxicology for Hazard Communication* or that they are comfortable with the basic principles of toxicology.

**Intended Audience**

Hazard communication professionals looking for a comprehensive overview of target organ toxicity.

**Course Director/Instructor**



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



*Society for Chemical Hazard Communication*  
**Professional Development Training**

**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.

**Course Fee**

\$250.00 for members  
\$340.00 for non-members

**Course Topics and Schedule (Subject to Change)**

**Monday, September 29, 2014**

12:30–1:00	Registration
	Introduction
1:00-2:10	Overview of Hepatic Structure and Function
2:10-2:25	Break
2:25-3:35	Chemically Induced Adverse Effects of the Liver Assessment of Adverse Effects of the Liver (Hazard Determination)
3:35-3:50	Break
3:50-5:00	Overview of Renal Structure And Function Chemically Induced Adverse Effects of the Kidney Assessment of Adverse Effects of the Kidney (Hazard Determination)

**Registration**

Admission to the course will be on a first come basis. Payment must be received by September 5, 2014, to secure your space. Space is limited.

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



*Society for Chemical Hazard Communication*  
**Professional Development Training**

**Cancellation Policy**

No refunds will be given after September 5, 2014. 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 – 703.920.3230. The rate is \$179/night single or double occupancy through September 5, 2014. You must identify yourself with SCHC when making reservations – group code: chemical hazard.