



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

**Toxicology for Hazard Communication**  
Sunday, September 24, 2017  
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 the HazCom Standard. The goal of this course is to provide participants with an understanding of the principles of toxicology and the mechanism by which chemicals produce adverse health effects, in order to provide a foundation upon which hazard determination and classification skills can be developed. The course is based on an organ and system approach to toxicology. This involves an understanding of normal organ and system structure, function, and capacity, followed by an assessment of how specific chemicals can alter one or more of these parameters to produce adverse health effects.

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).

**Intended Audience**

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

**Course Director / Instructor**



**Robert Skoglund, Ph.D., DABT, CIH**

Dr. Skoglund is the Director of Product Safety and Regulatory Affairs at Covestro LLC. His responsibilities include compliance, safety, and stewardship, including hazard communication.

**Course Instructor**



**Catherine F. Jacobson, Ph.D., DABT**

Dr. Jacobson is a Senior Toxicology Specialist at the 3M Company. Her primary responsibilities include assessing the human health hazards and risks of products and other materials for several 3M business units. In addition, she oversees the authoring of hazard communication documents, develops comprehensive health hazard profiles for chemical substances important to 3M, and serves as the corporate lead for product air quality regulations.



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**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 leads the development of the 3M Occupational Exposure Guidelines; and plays a leadership role for California Proposition 65 compliance, consumer product labels, and hazard determination, hazard communication, and human risk assessment issues.

**Course Fee**

\$450.00 for members  
\$540.00 for non-members

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

**Sunday, September 24, 2017**

7:30 – 8:00	Registration / Continental Breakfast
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
10:35 – 10:50	Break
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



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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. Payment must be received by August 25, 2017, 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.

### **Cancellation Policy**

No refunds will be given after August 25, 2017. 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 \$200/night single or double occupancy through September 1, 2017. You must identify yourself with SCHC when making reservations.