

LABORATORY & RADIATION SAFETY

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NEWS

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LABORATORY SAFETY MANUAL

It is with great pleasure that EH&S announces the release of the Cornell University Laboratory Safety Manual and Chemical Hygiene Plan!

To access the **Laboratory Safety Manual**, point to: http://www.ehs.cornell.edu/lrs/LSM/LSM_CHP.pdf or go to the [EH&S webpage](#) and click on [Chemical and Laboratory Safety](#) and then [Laboratory Safety Manual and Chemical Hygiene Plan](#).

This document was developed with the assistance of numerous EH&S staff and underwent an internal review by campus stakeholders and an external peer review by EH&S professionals from the [SUNY Environmental Health and Safety Association of NY](#). The document was circulated throughout Cornell University during the review period of July - September 2005 and was viewed by 148 individuals representing 71 departments/units from 8 Colleges/Schools/Divisions.

Please note, this document is not meant to be read like a book; the goal of the Laboratory Safety Manual is to create a useful reference for the campus community to access both internal and external resources for laboratory safety issues. In addition to the internal and external hyperlinks, the table of contents is hyperlinked with the rest of the document for easy navigation.

Among the topics included in the Laboratory Safety Manual are the following: Emergency Preparedness, Employee Training, Safe Chemical Use, Control Measures, Particularly Hazardous Substances, Hazardous Chemical Waste Disposal, Hazardous Material Shipping, Chemical Hazards, Biohazards, Radiation Hazards, Laser Hazards, and Physical Hazards.

The next phase of this project includes the development of a web-based version of the document to facilitate the ease of use. If you have any useful web-links, suggestions on sections you think should be included, or any comments, please feel free to email Jerry Gordon, Manager For Laboratory Safety Programs, at jpg29@cornell.edu. This manual should be considered a living document and will be updated as needed and reviewed at least annually.

We would like to extend a special thank you to all of the campus stakeholders who took the time to review the document and provided useful feedback. This joint effort has resulted in the [Cornell University](#) Laboratory Safety Manual and Chemical Hygiene Plan.

EH&S SAFETY COURSES NOW ON-LINE

Several EH&S safety courses are now available on-line through the university Blackboard web site. To access these courses, point to <http://blackboard.cornell.edu> and search under the catalog – Environmental Health and Safety – for a listing of courses. To use Blackboard, you need to get a Blackboard account, which is done with the click of a button on this site. Then within a day or two you will receive an email saying that you have been enrolled as a Blackboard user. After you locate the course of interest to you, you will need to click on the Enroll button to enroll yourself in that particular course.

The following courses are now available on-line:

Laboratory Safety
Laboratory Safety for Faculty & Laboratory Supervisors
Chemical Waste Disposal
Hazard Communication
Hazard Communication for Veterinary Professionals
Shipping Hazardous Materials & Dangerous Goods
Safety for Administrative and Office Professionals

After you have read the course content and viewed the course materials (often including a PowerPoint presentation), if the course has a quiz, you must take and submit the quiz in order to receive credit for taking the course. Your name will be entered into our training database [SafetyBase](#) <http://dataworks.fcs.cornell.edu/sb/> as documentation that you took the course. We also encourage you to fill out the evaluation form to provide feedback on your experience with the course.

TWO NEW LABORATORY SAFETY CONSULTANTS

Brenda Coolbaugh and Brian DelTufo have recently started working at EH&S, joining Andy Schreckengost as Safety and Health Consultants, in the Hazardous Materials group managed by Mike Lonon.

Brenda Coolbaugh has a Bachelors of Science degree in Pharmaceutics from SUNY Buffalo, several years of lab chemistry experience, and a strong sales background. She worked previously for EH&S in the fall of 2004 as a temporary worker on a chemical database project.

Brian DelTufo holds a Bachelors of Science degree in Marine Safety and Environmental Protection from the Massachusetts Maritime Academy. He has been a Lab Pack Chemist with Triumvirate Environmental for the last two years, and has been Triumvirate's lead chemist for waste management and laboratory inspections at Harvard University for the last year.

*****Please share with your graduate students*****

TRAINING FOR LABORATORY WORKERS

“Laboratory Safety”– Friday, March 31, 1 – 3 p.m., 200 Savage Hall

“Laboratory Safety”– Wednesday, April 5, 9 – 11 a.m., 118 Humphreys Service Building

“EPA-Chemical Waste Disposal”–Wednesday, April 5, 11:15 a.m. to 12:15 p.m., 118 Humphreys Service Building

“Laboratory Safety”– Thursday, April 13, 2 – 4 p.m., 165 Olin Hall

“Laboratory Inspections Training”– Friday, April 7, 9 – 11 a.m. Auditorium, Boyce Thompson Institute

Using your Cornell NetID, you can register on-line in SafetyBase at <http://dataworks.fcs.cornell.edu/sb/>. To use Safetybase, you will need to sign into Kerberos, Side Car, or CUWebLogin. If you do not have a Cornell NetID, you can register from the EH&S home page at <http://www.ehs.cornell.edu/>; select Training; select the desired class; then fill out the On-Line Class Registration form, and submit. For help please contact Czora Pagsoligan by e-mail at cpp5@cornell.edu or by phone at 254-4693.



RADIATION SAFETY TRAINING

Individuals must receive radiation safety training **prior** to starting work with radioactive materials. This training is required by law. The course is given in two separate presentations; both sessions must be attended. There is a short exam, which can be taken either at the end of the second day, or later at our office during normal business hours. *Prior registration for this course is necessary, as seating is assigned on a first come first served basis.* The next Radiation Safety training programs are scheduled for:

May 16 & 18 from 9:00 a.m. to 12:00 noon

To register please use the online form available on our EH&S Web site, or call the EH&S main desk, at 5-8200. For the online form go to <http://www.ehs.cornell.edu>, select “Training”, then select the course under “Class Times & Registration”. Please fill in all fields before you submit your registration.

ADVANCED RECORD KEEPER TRAINING

This special radiation safety training is held monthly, on the last Friday of every month. It is geared just for those who perform inventory record-keeping tasks. The survey class, taught by Wayne Westmiller, is from 1:00 to 2:00 p.m., and the inventory class, taught by Marlene Larson, is from 2:15 to 3:15 p.m. The next classes are scheduled for Friday, March 31 (register by March 24). **Use our website to register or call Agnes Morris at 5-5600.**



Radiation Safety Eagle Awards



We are pleased to recognize the following laboratories for receiving radiation safety awards:

October

W. Brown, Molec. Biology & Genetics, Biotech Bldg.
P. Davies, Plant Biology, Plant Science Building
* **T. Fox**, Molecular Biology & Genetics, Biotech Bldg.
L. Kraus, Molecular Biology & Genetics, Biotech Bldg.
J. Nasrallah, Plant Biology, Emerson Hall
J. Roberts, Molec. Biology & Genetics, Biotech Bldg.
J. Rose, Plant Biology, Emerson Hall
T. Setter, Crop & Soil Sciences, Bradfield Hall
R. Spanswick, Biol. & Environ. Engr., Bradfield Hall

November

J. Baines, Microbiology & Immunology, VMC
K. Kempthues, Molecular Biology & Genetics, Biotech
R. MacIntyre, Molec. Biol. & Genetics, Biotech Bldg.
D. Russell, Microbiology & Immunology, VMC
* **D. Shalloway**, Molec. Biology & Genetics, Biotech Bldg.
T. Tambar, Molec. Biology & Genetics, Biotech Bldg.
M. Villa-Garcia, Molecular Biology & Genetics, Biotech

December

G. Aguirre, Baker Institute for Animal Health
D. Antczak, VM Administration, Baker Institute
J. Fortune, Biomedical Sciences, VRT
T. Gunn, Biomedical Sciences, VRT
M. Kotlikoff, VM Administration, VRT
D. Lin, Biomedical Sciences, VRT
R. Minor, Biomedical Sciences, VRT
A. Nikitin, Biomedical Sciences, VRT
H. Nivison, Molec. Biology & Genetics, Wing Hall
N. Place, Pop. Med. & Diagnostic Sci., Schurman Hall
A. Quaroni, Biomedical Sciences, VRT
* **M. Roberson**, Biomedical Sciences, VMC
J. Schimenti, Biomedical Sciences, VRT
R. Weiss, Biomedical Sciences, VRT
A. Yen, Biomedical Sciences, VRT

January

T. Begley, Chemistry & Chemical Biology, S.T. Olin
T. Brutnell, Boyce Thompson Institute
R. Cerione, Molecular Medicine, VMC
J. Guan, Molecular Medicine, VMC
D. Klessig, Boyce Thompson Institute
* **S. Menne**, Vet. Clinical Sciences, VMC
M. Wang, Physics, Clark Hall

February

A. Bass, Neurobiology & Behavior, Mudd Hall
A. Bensadoun, Nutritional Sciences, Kinzelberg Hall
N. Dykes, Clinical Sciences, VMC
J. Helmann, Microbiology, Wing Hall
N. Noy, Nutritional Sciences, Kinzelberg Hall
J. Peters, Microbiology, Wing Hall
* **J. Scott**, Entomology, Comstock Hall
P. Soloway, Nutritional Sciences, Kinzelberg Hall
M. Stipanuk, Nutritional Sciences, Kinzelberg Hall
P. Stover, Nutritional Sciences, Kinzelberg Hall
S. Winans, Microbiology, Wing Hall

* Winner of Meal Deal from Pizza Hut

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