



# NOTES

Safety Newsletter for Lab Workers

UCSD Environment, Health &amp; Safety Office

## Time For Spring Cleaning!

It's not officially spring yet, but it's never too early to remove old, unused, or unusable chemicals, and other hazardous materials from your lab or shop.

### "Spring cleaning" has advantages...

- Frees up work space and chemical storage space
- Finds those mystery containers that always seem to end up in corners or in the back of the fume hood
- Reduces the quantity of hazardous materials involved in the event of a lab emergency, such as fire or earthquake
- Helps the campus comply with chemical storage and fire safety regulations
- Conserves resources: suitable hazardous materials collected by EH&S are added to *ChemCycle*, UCSD's free chemical reuse and recycling program

**A Quarter for Your Haz Waste?** Spreading clean out over the year eliminates the collection and processing --all at once--of huge quantities of hazardous material when regulators come to campus and everybody wants to clean house at the same time. To help spread the task out over the year, EH&S sponsors spring cleaning on this quarterly schedule for each area of the campus:

- **1<sup>st</sup> quarter** (Jan – March) – School of Medicine
- **2<sup>nd</sup> quarter** (April – June) – School of Engineering, Psychology, Cognitive Science
- **3<sup>rd</sup> quarter** (July – Sept) – Biology, Chemistry/Biochemistry, Physics
- **4<sup>th</sup> quarter** (Oct – Dec) – SIO

Mark your calendars now and plan ahead. When it's your turn for a clean out, request a hazardous materials pick-up from EH&S. Questions or comments? Contact the Research Assistance Program member for your area.

#### For more information:

- UCSD's Hazardous Waste Management Program (<http://www-ehs.ucsd.edu/hazwaste/hazwaste.htm>)
- Research Assistance Program (<http://www-ehs.ucsd.edu/lab/rap.htm>)

## EPA Compliance Initiative Update

As many of you are aware, the Environmental Protection Agency (EPA) has embarked upon a compliance initiative to ensure the nation's colleges and universities are meeting their responsibilities under state and federal environmental laws. The EPA has cited several universities for hazardous waste violations and issued six- and seven-figure fines.

As part of this initiative, the EPA asked the UC system to perform a "self-audit." The audit's first stage, completed in November and December, collected information on hazardous waste handling from all UCSD laboratories and facilities that generate hazardous waste. The results will become available after UC Office of the President submits a consolidated report to the EPA in March. Disclosure in this report of any problems identified during the self-audit should reduce potential fines. UC campuses will also need to establish procedures to prevent problems from recurring.

EH&S works very hard to manage UCSD's hazardous waste efficiently and responsibly. You can help EH&S by observing these procedures for all hazardous (or potentially hazardous) wastes:

- Determine whether a waste material is a hazardous waste. If unsure, contact EH&S at (858) 534-2753. Pending verification, assume waste is hazardous.

continued on back...see EPA Compliance Initiative

## Before You Buy Chemicals, Think of ChemCycle First

<http://chem-tech.ucsd.edu/Reuse/>

Check ChemCycle's inventory before you order new chemicals. ChemCycle is stocked with usable surplus chemicals from labs that close, move, or unload excess inventory during clean outs. With up to 6,000 chemicals typically available, there's a pretty good chance of finding what you're looking for, and it's free! It's good for the pocketbook and good for the environment.





## Laboratory & Chemical Safety Seminars

<http://www-ehs.ucsd.edu/lab/labtrain.htm>

Register by e-mailing [bthomas@ucsd.edu](mailto:bthomas@ucsd.edu)

### Lab Safety for Professionals

Tues, March 5 ---- 2 - 4 p.m. ----- Price Ctr, Gallery A

### Assessing Chemical Hazards

Wed, May 1 ----- 1 - 2:30 p.m. ----- Price Ctr, Gallery B

### Hazardous Waste Training

Thurs, Feb 21 ---- 1 - 2 p.m. ----- Price Ctr, Gallery B

### Potentially Explosive Chemical Handling

Wed, April 17 ----- 1:15 - 4:15 p.m. ---- Price Ctr, Gallery B



### Cell Culture Classes

<http://enrollmentcentral.ucsd.edu/>

### Basic Cell Culture Workshop and Primary Cell Growth & Differentiation Workshop

are taught in the CORE Cell Culture Facility, BSB. Browse the Staff Education & Development's Course Catalog under the "Laboratory" entry for current schedules. Register online via Enrollment Central at <http://enrollmentcentral.ucsd.edu>.

### The Unseen Costs of Risk Management

<http://enrollmentcentral.ucsd.edu/>

**Feb 28, 2002 8:30-11:00 a.m. Torrey Pines Ctr South**

Learn how to manage costs related to work-related injuries, employment/general liability, auto accidents, thefts, flood and fire damage. Register online via Enrollment Central at <http://enrollmentcentral.ucsd.edu/>.

### EPA Compliance Initiative...continued

- Attach a UCSD Hazardous Waste Tag to all hazardous waste containers before waste is placed in the container. Fill out the tag completely.
- Keep all waste containers closed except when adding or removing material.
- Request waste pick-up by EH&S within 90 days of the accumulation start date, or sooner if the quantity threshold (one quart of extremely hazardous waste or 55 gallons of all other hazardous waste) is reached.
- Do not dispose of hazardous waste into sinks, floor drains, sewers, storm drains, municipal trash, or by evaporation.
- Properly dispose of empty chemical containers.
- Store and segregate hazardous waste properly.
- Train all laboratory personnel in chemical management, waste management, and spill response.

For more information, consult the Hazardous Waste Management web page at <http://www-ehs.ucsd.edu/hazwaste/hazwaste.htm>.

Questions or comments about hazardous waste handling, or other lab safety issues? Call Jim Kapin at ext. 42823 or e-mail [jkapin@ucsd.edu](mailto:jkapin@ucsd.edu).



Please Post or Circulate



## Safety Training Programs

### EH&S Safety Training Days 1st & 3rd week of every month.

See the schedule at

[http://www-ehs.ucsd.edu/training/train\\_sched.htm](http://www-ehs.ucsd.edu/training/train_sched.htm)

An extensive array of safety training classes are offered:

- Injury & Illness Prevention Program (IIPP)
- Radiation, Biosafety, Chemical Safety
- Hazardous Waste Management
- Risk Management/Workers' Compensation
- How to Maintain a Healthy Back
- Office and Laboratory Ergonomics
- Skin Protection/Sun Sense



### Basic Radiation Safety

<http://www-ehs.ucsd.edu/rad/radtrain.htm>

#### No registration required for Basic Radiation Seminars

Thur, Feb 21 ----- 10 a.m. - 12 p.m. -- Price Ctr, Gallery B

Tues, March 5 ---- 10 a.m. - 12 p.m. -- Price Ctr, Gallery A

Thurs, April 4 ----- 10 a.m. - 12 p.m. -- Price Ctr, Gallery A

### Topic Specific Radiation Seminars

<http://www-ehs.ucsd.edu/rad/radtrain.htm>

Register by e-mailing [bleeks@ucsd.edu](mailto:bleeks@ucsd.edu)

#### P-32 Safety Seminar

Wed, Feb 6 ----- 10 - 11 a.m. ----- Price Ctr, Gallery B

#### Iodine I-25 Use

Wed, April 17 ---- 11 a.m. - 12 p.m. -- Price Ctr, Gallery B

#### P-32 Safety Seminar

Thurs, May 16 ---- 10 - 11 a.m. ----- Price Ctr, Gallery A

#### Liquid Scintillation Counting Methods

Thurs, June 20 ---- 10 - 11 a.m. ----- Price Ctr, Gallery A



### Bloodborne Pathogens Training

<http://www-ehs.ucsd.edu/bio/bbptrain.htm>

Register by e-mailing [thull@ucsd.edu](mailto:thull@ucsd.edu)

#### Principles of Biosafety

Tues, March 5 --- 1 - 2 p.m. ----- Price Ctr, Gallery A

#### Viral Vectors

Thurs, Feb 21 ---- 2 - 3 p.m. ----- Price Ctr, Gallery B

#### Bloodborne Pathogens

Thurs, Feb 21 ---- 3 - 4 p.m. ----- Price Ctr, Gallery B