Part II: Summary of Campus EH&S Programs and Policies

Regulations and codes noted in the previous section underlie campus programs, manuals, policies and procedures. These are summarized in this section and the complete programs are found on the EH&S *Website, and/or within this binder.

A. General/Departmental EH&S Programs: (Applicable to all departments)

1. Department Emergency Operations Plan (specific info 3rd tab of Health & Safety Binder)
2. Injury and Illness Prevention Program includes training and inspection requirements (specific info 4th tab of Health & Safety Binder)
3. Workers’ Compensation Program .................................................. 3
4. Risk Management and Insurance .................................................. 4
5. Building Safety: Plan review, Construction and Inspections .................. 5
6. Ergonomics Program (assessments, safe lifting and training) ............... 6

B. Hazard/Area Specific EH&S Programs: (Typically only applicable to certain groups within a department. Generally the direct responsibility of affected supervisors, with minimal involvement by DSR)

1. Environmental Health Programs .................................................. 7
   - Food Safety and Sanitation
   - Pool Safety and Sanitation
   - Integrated Pest Management
   - Drinking water
   - Recreational Health
   - Storm Water Management

2. Occupational Safety Programs .................................................... 8
   - General Safety Program
   - Confined Space Program
   - Hazard and Exposure Assessments
   - Hearing Conservation Program
   - Heat Illness Prevention Program
   - Indoor Air Quality & Mold Assessments
   - Personal Protective Equipment
   - Respiratory Protection Program

3. Hazardous Materials and Chemical Safety Programs ........................ 9
   - Hazardous Materials Training
   - Hazardous Materials Inspections
   - Fire Code
   - Hazard Communication
   - Safety Data Sheets (Hazard Communication Program & Research labs)
   - Hazardous Waste
   - Hazardous Materials Response Team
   - Hazardous Materials Business Plan
4. Biological Safety Programs
   - Bloodborne Pathogens
   - Aerosol Transmissible Diseases
   - CDPH Oversight of Medical waste

5. Research Safety Programs
   - Chemical Hygiene Plan
   - Personal Protective Equipment
   - Fume Hoods
   - Controlled Substances
   - Radiation Safety Program
   - Laser Safety Program
   - Door Placard Program
   - Emergency Showers and Eyewashes
   - Diving and Boating Safety Programs

C. EH&S Related Policies
A. General/Departmental EH&S Programs

**Workers’ Compensation Program**

**WHAT IS WORKERS' COMPENSATION?**

Workers' Compensation is a state-mandated insurance plan designed to assure that an employee who sustains a work-related injury or illness receives complete medical attention for the injury or illness, as well as financial and other support in returning to gainful work.

This is a "no fault" system that does not try to place blame on either the employer or the employee. The objective of the UCSB Workers' Compensation Program is to assist in the employee’s quick recovery and return to work; to provide a safe working environment for all employees and to minimize the adverse impact of work-related injuries.

**WHO’S COVERED?**

Employees and qualified volunteers whose injury or illness arises out of their employment and occurs during the course and scope of their employment with the University.

**PROGRAM BENEFITS (MAY INCLUDE)**

- Medical Treatment
- Temporary Disability (TD)
- Permanent Disability (PD)
- Vocational Rehabilitation
- Death Benefits

**PROGRAM FUNDING**

UCSB participates in the University of California Self-Insurance Workers' Compensation program. Instead of purchasing an insurance policy, the UC campuses and medical centers pay self-insurance premiums into a trust fund managed by the Office of the President (UCOP). Each campus pays its share of premiums, which reflect the size and number of claims filed by that location.

**OTHER PROGRAM ELEMENTS**

The Workers’ Compensation unit provides assistance to all UCSB employees who are either injured or develop a job-related illness as a result of their employment. We assist Supervisors and Managers with their responsibilities regarding Workers’ Compensation procedures and provide ongoing assistance to campus departments regarding issues involving benefits, vocational rehabilitation, and payroll as it relates to an employee’s workers’ compensation injury/illness. We also provide interpretation of Workers’ Compensation laws, benefits and regulations as needed.

For further information please visit our website: [http://www.workcomp.ucsb.edu/](http://www.workcomp.ucsb.edu/)
**Risk Management and Insurance Program**

**WHAT IS THE UCSB RISK MANAGEMENT AND INSURANCE PROGRAM?**

UCSB Risk Management and Insurance is responsible for the preservation of the financial, physical, and human assets of the campus from loss or destruction. It is our job to identify and evaluate exposures that put University assets at risk and to assist our customers, the staff and faculty of UCSB, in selecting the best method of treating that risk. We are committed to assisting departments in eliminating or minimizing losses and the effects of losses. We are committed to excellent customer service, cost efficiency, and to optimizing the performance of the organization and its employees in support of the University’s mission: research, teaching, and community service.

The Risk Management & Insurance office administers the University’s Risk Management Program at the campus level in accordance with the directives and general guidelines of the Office of Risk Management, Office of the President. It is the function of the office to protect the campus from the risk of unanticipated loss, including:

**SELF-INSURANCE PROGRAMS:** Manage self-insurance programs, including: automobile physical damage; general, employment, and automobile liability; medical professional and hospital liability (for the Student Health Center); property; workers’ compensation.

**COMMERCIAL INSURANCE:** Manage commercial insurance programs, including: fine arts, aviation, marine, student off-campus coverage, crime, specialty accident insurance programs, and Special Events Liability Insurance.

**LITIGATION MANAGEMENT:** Manage and coordinate the campus’s response to lawsuits.

**CLAIMS MANAGEMENT:** Process internal claims and coordinate the handling of all external claims with the University’s third-party claims administrator.

**RISK ANALYSIS:** Make recommendations with respect to campus activities and the use of facilities by non-University individuals and/or groups.

**CONTRACT REVIEW:** Work with Contracts and Procurement to resolve insurance and indemnification issues in leases and agreements with 3rd party organizations and vendors.

**POLICIES AND PROCEDURES:** Interpret and make recommendations with respect to the application of risk management and insurance policies and procedures. Consult with and offer guidance to campus departments about risk management issues.

**Liaison:** Serve as liaison with insurance adjusters, brokers, legal counsel, the Third Party Claims Administrator (TPA), and the Office of Risk Management, Office of the President.

**Certificates of Insurance:** Provide evidence of insurance coverage as needed by contract.

**Subpoenas:** Process all Subpoenas and Authorizations for Release of Information.

For further information please visit our website: [http://www.ehs.ucsb.edu/riskmanagement](http://www.ehs.ucsb.edu/riskmanagement)
**Building Safety: Construction, Inspections and Plan Review**

**CAMPUS CONSTRUCTION ACTIVITIES**
All construction projects, including modifications to existing facilities, must comply with state building code requirements and regulations. No building shall be constructed, altered, enlarged or converted without the approval of the Campus Fire Marshal and the Campus Building Official. In accordance with UC Policy, architects and engineers can be selected and hired only by the staff of Design & Construction Services (DCS) or Physical Facilities (PF).

All construction work, such as: fencing, painting, construction of partitions, doors, windows, floors, carpets, cabinets, shelving and other equipment attached to a structure, repairs and alterations to basic utility services such as wiring, gas, steam, vacuum, air, water, deionized water, sewer and drain lines must be performed by PF staff, or by licensed contractors hired by, and under the direction of, PF or DCS.

Departments may contract with office furnishings companies to supply and install office landscape partitions. Office partitions must conform to the fire exiting requirements and accessibility requirements associated with ADA. Review of prepared layouts by EH&S prior to installation is required to avoid potential retrofit costs to conform to code requirements. If an electrical contractor is needed to connect landscape partitions power wiring to building wiring systems, that Contractor must be hired by PF.

Communications cabling may be installed by staff of Communications Services, by contractors working under the supervision of Communications Services, Office of IS&T, or by trained staff. Communications cabling and penetrations of rated floor and wall assemblies must conform to fire code requirements. Installation of conduit and raceway is considered constructions and typically involves issuance of a Building Permit.

**CAMPUS BUILDING OFFICIAL**
The Campus Building Official (DCS) reviews projects for compliance with and enforces the building code.

**CAMPUS FIRE MARSHAL**
The Campus Fire Marshal (EH&S) represents the State Fire Marshal (SFM) and reviews all projects for compliance with and enforces the requirements of the fire code and state safety regulations including those regulating toxins, radiation, and industrial safety.

**FIRE AND LIFE SAFETY INSPECTIONS**
The Fire Prevention Division conducts annual fire and life safety inspections of all campus buildings and grounds as directed by the CA Code of Regulations Title 19, Public Safety. The purpose is to safeguard life and property from the hazards of fire and eliminate conditions hazardous to life or property in the use of campus buildings and grounds. Inspections ensure those building fire protection components such as exits, doors, corridors, emergency lighting systems, and fire protection systems are properly maintained. We inspect buildings from the roof to basement looking for improperly stored items that can create a hazard. Grounds areas are surveyed regarding combustible vegetation abatements. Inspections are recorded and violations are forwarded to the official responsible for corrections. Areas needing corrections are re-inspected after 30 days to confirm the violations have been corrected.

**PLAN REVIEW**
All campus buildings have some combination of life safety systems in their infrastructure: fire alarm systems; fire sprinkler and hydrant systems; emergency exits/lighting; emergency shower/eyewashes, toxic gas monitoring/alarm systems, etc. These systems are approved for installation by EH&S to meet current code requirements. The EH&S Fire Prevention Division is the authorized representative of the California SFM on campus. As such, they must review and approve all construction projects for compliance with the California Fire Code and associated codes.

*EH&S Website: http://ehs.ucsb.edu*
Ergonomics Program

WHAT IS ERGONOMICS?
Ergonomics is the scientific study of people at work. The goal of ergonomics is to reduce stress and eliminate injuries and musculoskeletal disorders associated with the overuse of muscles, awkward postures, and repeated tasks.

ERGONOMIC SERVICES OFFERED
- Department/Group Ergonomic Training
- Individual Ergonomic Assessment
- Body Mechanics, Posture and Exercise Training
- Back Safety Training
- Job Specific Training
- Product Evaluation, Recommendation and Education
- Workspace Design/Renovation
- Online Ergonomic Training and Assessment
- Break Reminder Software

OTHER PROGRAM ELEMENTS
- UCSB’s Ergonomic Program complies with State/Federal legislation regarding the administration of a comprehensive ergonomic program – Cal Osha, Title 8, Section 5110, Repetitive Motion Injuries
- Shares best practices system wide via the UC Ergonomic Workgroup
- Helps to address Worker’s Compensation and Vocational Rehabilitation issues

For further information please visit our website: http://www.ehs.ucsb.edu/ergonomics
B. Hazard/Area Specific Programs

**Environmental Health Programs**

A variety of campus programs in this area are coordinated by EH&S and/or Facilities and other campus entities: Air Toxics; Environmental Assessment/Due Diligence; Reclaimed Water; Recycling; Storage Tanks; Storm Water; Waste Water; Water Quality; Food Safety and Sanitation; Pool Safety and Sanitation (see below).

**Food Safety and Sanitation**

Individuals, departments, organizations, and groups interested in distribution of food on campus need to comply with campus food safety policies and procedures. New and existing campus food facilities are routinely inspected for their compliance with the CA Retail Food Code.

**Pool Safety and Sanitation**

Campus swimming pools must operate in a safe and sanitary manner. They are classified as public swimming pools, and therefore subject to the swimming pool code. Patrons of the campus pools are expected to follow basic sanitary and hygiene guidelines in order to prevent the possible transmission of diseases and illnesses.

**Integrated Pest Management**

IPM is an effective and environmentally sensitive approach to pest management that relies on a variety of common-sense practices. IPM utilizes a combination of tactics such as habitat modification, exclusion, sanitation and monitoring. The IPM committee meets regularly to develop campus policies and procedures.

**Drinking Water**

All potable water lines on campus are required to meet EPA Primary Drinking Water Standards. While water is supplied by Goleta Water District, it is the campus’s responsibility to ensure the water coming out of the tap is safe to drink. All new and repaired water lines are disinfected before being put in use, this helps ensure all appropriate standards are met. These disinfection procedures can be found on the EH&S website.

**Recreational Health**

Campus childcare facilities and playgrounds have many safety requirements due to the age of children present. These buildings and play areas are routinely inspected and maintained to ensure their safety. Any changes to existing playgrounds must first be approved by EH&S.

**Storm Water Management**

One of the primary environmental laws impacting the campus is the federal Clean Water Act (CWA) and associated implementing regulations. The purpose of the CWA is to protect and restore the physical, chemical, and biological integrity of our nation’s waterways by controlling and limiting discharges of pollutants. A requirement of the General Permit for storm water discharges is development of a Storm Water Management Program designed to reduce the discharge of pollutants to the Maximum Extent Practicable (MEP) and to protect water quality. The full campus Storm Water Management Plan is on the EH&S Website.

*EH&S Website: http://ehs.ucsb.edu*
The primary goal of the occupational safety and health programs below is to foster a safe and healthy work environment. However, many of the programs are mandated by OSHA and Departments can be cited for noncompliance.

**GENERAL SAFETY PROGRAM**

General Safety is a multi-disciplinary approach to developing and ensuring compliance with regulatory agencies, safe working practices, and maintaining the health and well-being of those employed in a particular occupation or workplace. Strategies to accomplish these goals maintain a strong focus on injury prevention through hazard identification, prevention and controls; education & training; audits & inspections; engineering modifications, and enforcement. This program helps promote a safe and healthful work environment for the campus community through the provision of the program elements and services listed below.

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**CONFINED SPACE PROGRAM**

Per Cal/OSHA regulations, a confined space is defined as a space that is large enough so that an employee can bodily enter to perform work, has limited or constricted means for entry or exit and is not designed for continuous occupancy. Examples of confined spaces include silos, vats, hoppers, utility vaults, tanks, sewers, pipes, access shafts, boilers, manholes, manure pits and storage bins. A Permit-Required Confined Space (PRCS) has all the physical characteristics of a confined space, but also contains one or more real or potential hazards. Per Cal/OSHA requirements, all campus employees who enter PRCSs shall be included in the UCSB Confined Space Program. Please contact EH&S at x3743 or consult the UCSB Confined Space Program website for more details.

**HAZARD AND EXPOSURE ASSESSMENTS**

At UCSB supervisors have the primary responsibility for ensuring the health and safety of their employees. This responsibility requires that regular and thorough documented hazard assessments be completed to identify and evaluate real and potential workplace hazards.

EH&S has several tools available to assist supervisors with the hazard assessment process including the web based *Laboratory Hazard Assessment Tool (LHAT)* for research supervisors, and the easy to use UCSB Hazard Assessment & Personal Protective Equipment Selection Tool for non-research personnel. Additionally, when supervisors encounter situations which exceed their health and safety knowledge, EH&S staff is available upon request to assist in the hazard identification and evaluation process. For more information please consult the EH&S Hazard and Exposure Assessment webpage.
HEARING CONSERVATION PROGRAM
Per Cal/OSHA regulations, all campus employees who are exposed to occupational noise levels equal to, or greater than, an 8-hour time-weighted average of 85 dBA shall be included in the UCSB Hearing Conservation Program. Program elements include hearing conservation training, noise exposure assessments, hearing protection equipment selection, audiometric testing and the reduction of noise exposure through the implementation of engineering and administrative controls. Please contact EH&S at x3743 or consult the UCSB Hearing Conservation Program website for more information.

HEAT ILLNESS PREVENTION PROGRAM
Per Cal/OSHA regulations, all campus employees who perform outdoor work shall be included in the UCSB Heat Illness Prevention Program. Program elements include the development and implementation of procedures to reduce the risk of heat related illness through a written worksite specific heat illness prevention plan, and heat illness prevention training for supervisors and employees. Please contact EH&S at x8787 or consult the UCSB Heat Prevention Program website for more information.

INDOOR AIR QUALITY & MOLD ASSESSMENTS
Indoor air quality (IAQ) refers to the quality of air within a building or structure, especially as it relates to the health and comfort of building occupants. If you have concerns about your building’s air quality, please complete the Indoor Air Quality Concern Questionnaire, or contact EH&S at x8787 or x3743.

PERSONAL PROTECTIVE EQUIPMENT (PPE) (FOR LAB WORKERS SEE RESEARCH SAFETY PROGRAMS)
Whenever possible workplace hazards should be eliminated, or reduced, through the use of proper work practices and other administrative and engineering controls. When hazards cannot be eliminated or adequately controlled, the use personal protective equipment may be required. UCOP policy and Cal/OSHA regulations require supervisors to identify hazards and assess the need for Personal Protective Equipment (PPE) through documented workplace hazard assessments. Supervisors are also responsible for ensuring employees know why PPE is necessary, how to use PPE properly, and that PPE maintained in a safe and sanitary condition. For more information please consult the PPE webpage.

RESPIRATORY PROTECTION PROGRAM
Per Cal/OSHA regulations and UCSB campus policy, all employees who use respiratory protection equipment including filtering facepiece respirators (dust masks) shall be included in the UCSB Respiratory Protection Program. Program elements include exposure assessments, respirator selection, respiratory protection training, respirator medical evaluations and respirator fit testing. Please contact EH&S at x3743 or consult the UCSB Respiratory Protection Program for more information.

Hazardous Materials Management
Given the diversity of campus operations, there are various regulations (OSHA, EPA, Fire Code, CA Health and Safety Code, etc.) that can apply to the use of hazardous materials. These regulations primarily affect campus labs (see also, “Research Safety”), but are also relevant to certain operations within Physical Facilities, campus shops, etc. As with all health and safety requirements, the supervisors of affected employees, and his/her department, have direct responsibility for compliance with pertinent regulations/programs.
HAZMAT TRAINING
Supervisors (PIs and staff) are responsible under the law and by campus policy to provide documented safety training to their employees. Whenever new substances, process, procedures or equipment are introduced to the workplace and represent a new hazard. Also, to assist supervisors in meeting training requirements, EH&S regularly offers free hazmat/fire safety-related classes. Depending on the nature of the work, some of these classes are mandatory (e.g. Radiation). Per UC Policy, all workers in chemical-using labs are expected to attend the general Fundamentals of Laboratory Safety class, or equivalent web-based training.

HAZMAT INSPECTIONS
Supervisors and departments using hazardous materials are responsible under the law to perform regular workplace inspections to identify unsafe conditions and work practices. The frequency of inspections depends on the process, procedures, or equipment introduced that represents a new occupational safety and health hazard. EH&S conducts inspections in research areas and locations with bulk chemicals.

FIRE CODE
The CA Fire Code is a complex and detailed document that can apply to hazardous materials use areas, e.g. toxic gases, flammable liquids, chemical storage, fire extinguishers, etc. To begin addressing these issues, consult one of the workplace self-inspection checklists (e.g. Laboratory Self-Inspection Checklist) in the IIPP Appendices. However, these checklists should not be considered a comprehensive list of all possible fire code issues - if in doubt, contact EH&S.

HAZARD COMMUNICATION
Per Cal/OSHA requirements, all employees who may be exposed to hazardous substances in a non-laboratory setting shall be included in the UCSB Hazard Communication Program. Program elements include readily accessible safety data sheets (SDSs), hazard communication and globally harmonized labeling system (GHS) training, proper labeling of all hazardous substances, and current inventories of all hazardous substances. Please contact EH&S at x3743 or consult the UCSB Hazard Communication website for more details.

SAFETY DATA SHEETS (SDS)
OSHA required SDS are manufacturer-provided summaries of the health hazards of a chemical and recommended safe work practices associated with the material. Electronic SDS are available through the EH&S website.

NON-LAB CHEMICAL USERS
Operations such as Physical Facilities, shops, etc. are also required to have and use SDS. Key elements of the Hazard Communication program include info under Lab Chemical Users and below:

- Developing and following the requirements of your department’s Hazard Communication Program written plan (see DSR Action Items – Sec. I)
- Developing and maintaining an inventory of all chemicals in the workplace and have SDS readily accessible to employees (e.g. via the EH&S website)

Lab Chemical Users
Per the Chemical Hygiene Plan program below (under heading Research Safety), OSHA says lab workers must:

- Be aware of what an SDS is and its relevance to your health and safety
- Know how to access relevant SDS – electronic access is acceptable (e.g. via the EH&S website)
- Maintain SDSs that are received with incoming chemical shipments
HAZARDOUS WASTE
Chemical waste generators must comply with campus policies and procedures as to labeling, training, packing, etc. Regulated wastes also include electronics wastes such as computer monitors and batteries. Sharps waste (e.g. syringes) and some biological wastes must also be handled per campus procedures. Disposal of household wastes can be done at the EH&S facility on weekends through a program run by Santa Barbara County Resource Recovery & Waste Management Division of the Public Works Dept.

Hazardous Materials Response Team
Periodically there are hazardous materials spills on campus that are beyond the capabilities of employees to cleanup, but are not an immediate threat to life and health that would require a response from County Fire. For these incidents, EH&S maintains a HazMat response team that can handle minor to moderate level events. The team can be accessed 24 hours a day at 893-3194, but they cannot do immediate responses like the fire department.

HAZARDOUS MATERIALS BUSINESS PLAN
UCSB is required to report large quantity chemicals to SB County. EH&S regularly audits the campus for the presence of bulk chemicals via a questionnaire that goes to each affected supervisor. Also, per this law, all chemical users must know the proper emergency procedures to follow in case of spill, leak, fire, etc.

Biological Safety Program
The biological safety program facilitates regulatory compliance and provides training for principal investigators and researchers working with potentially infectious materials, toxins and certain recombinant DNA strategies. The campus biosafety officer oversees the program and coordinates the activities of the University’s biosafety committee. For more information on Biological Safety Program components, please see http://www.ehs.ucsb.edu/biosafety.

BLOODBORNE PATHOGENS
Principal investigators with laboratory operations involving an occupational risk of exposure to human blood or body fluids must comply with Cal/OSHA Standard Title 8, Section 5193. The campus biosafety officer assists investigators with establishing and implementing a comprehensive exposure control plan that meets these regulatory requirements.

AEROSOL TRANSMISSIBLE DISEASES
Principal investigators conducting laboratory or field research with the potential for exposure to certain pathogens transmitted via aerosol or droplets must comply with Cal/OSHA Standard Title 8, Section 5199. The campus biosafety officer assists investigators with establishing and implementing a comprehensive exposure control plan that meets these regulatory requirements.

CDPH OVERSIGHT OF MEDICAL WASTE
Medical waste includes biohazardous waste generated in research using human or animal pathogens. In the state of California, medical waste is handled according to the Medical Waste Management Act, California Health and Safety Code Sections 117600 - 118360, and certain jurisdictions are overseen and inspected by the California Department of Public Health (CDPH). The campus biosafety officer oversees the campus medical waste program and liaises with CDPH.
Research Safety Program

The Laboratory Safety Program provides information and technical support to foster safe and healthy campus laboratories for research and teaching.

HAZMAT TRAINING

CHEMICAL HYGIENE PLAN
Chemical-using labs are subject to the OSHA standard titled: Occupational Exposure to Hazardous Chemicals in Laboratories. The major requirement for labs is to develop a written, Lab-specific Chemical Hygiene Plan (CHP) which addresses the policies and Standard Operating Procedures, etc. that ensure employees are protected from harm due to chemicals. Template forms for developing a CHP are on the EH&S website. There is also an associated CHP binder which has been distributed to lab supervisors.

PERSONAL PROTECTIVE EQUIPMENT
UC policy PPE in laboratories is intended to help protect lab workers from injury and meet Cal-OSSA requirements. All members of the lab community have responsibilities under the policy - particularly lab supervisors/faculty and lab workers. The University is required to provide any eyewear, gloves, respirators, etc. that are needed by workers to safely and legally perform their work. The online Laboratory Hazard Assessment (LHAT) identifies the PPE needs and provides/documents training on basic lab coat and eyewear use and maintenance.

FUME HOODS
Use of volatile hazardous materials should always be done in a fume hood or other local ventilation device. To meet OSHA requirements, fume hood performance is checked by EH&S on an annual basis and requests for repairs forwarded to Facilities. All new fume hood installations are reviewed and approved by EH&S.

CONTROLLED SUBSTANCES
The controlled substance program is overseen by EH&S. Controlled substances are narcotic and non-narcotic drugs under the jurisdiction of the Federal Controlled Substances Act and the California Uniform Controlled Substances Act. The program only applies to research activities using controlled substances, not the university’s clinical activities such as those performed by a university medical center, or clinic.

RADIATION SAFETY PROGRAM
The Radiation Safety Manual describes UCSB’s policy and procedures regarding radioactive material and radiation-producing machines. The campus operates under a radioactive materials license and is subject to regulatory oversight by California state regulators. An Ionizing Radiation Authorization is issued to researchers who use radioactive material and radiation-producing machines. The EH&S Radiation Safety Office, along with the campus Radiation Safety Committee, oversees the use of ionizing radiation on campus.

The Laser Safety Officer (LSO) provides advice on matters relevant to laser safety and conducts periodic safety audits of laser systems. Principal investigators are ultimately responsible for laser safety in their research programs.

Doors Placard Program
Door placards are on doors to campus areas which contain hazardous materials. They describe the basic hazards of the room and provide emergency contacts. They are primarily for emergency responders such as County Fire. EH&S initiates an annual update of these, but asks that individuals contact EH&S anytime updates are needed.

Emergency Shower/Eyewash
Per OSHA, emergency eyewashes and showers are required to be within 10 secs. of an area where chemicals are used that could cause skin/eye damage upon exposure. The units are tested by the custodial staff on a regular basis.

Diving & Boating Safety Programs
The UCSB Dive and Boat Safety Program oversee UCSB’s SCUBA programs and research projects requiring the use of SCUBA or boats. This program also enables UCSB to meet the scientific diving standards of the Occupational Safety and Health Administration (OSHA) and the American Academy of Underwater Sciences (AAUS) by providing the training, dive planning and logistical support required for this type of underwater work.

C. Policies

Beyond the campus health and safety programs described above, there are also some formal campus and UC policies on specific issues as noted below. These are generally based upon current regulations, standards and accepted good practice. EH&S related Campus Policies can be found by going to:
http://www.policy.ucsb.edu/

- Environmental Health and Safety General (5400)
- Biological Safety
- Dogs on Campus (5415)
- Fires- Barbecues and Open Fires
- Hazardous Substances Communication Program (5430)
- Laboratory Safety Training (UCOP policy)
- Minors in Laboratories and Shops (UCOP policy)
- Use of Pesticides (5435)
- Personal Protective Equipment (UCOP policy)
- Respiratory Protection (5440)
- Seismic Hazard Reduction (5445)
- Skating and Skateboarding (5450)
- Small Boat Operations (5455)
- Smoking, Tobacco, and Unregulated Nicotine Products
- Welding, Cutting, and Hot Work Operations (5465)