GUIDE TO SERVICES

ENVIRONMENT HEALTH & SAFETY

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

2011

web site: http://or.ucsf.edu/ehs/7555-DSY.html
KEY TELEPHONE NUMBERS

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Radiation Safety Officer William Lew 476-5303
Biosafety Officer Peili Zhu 514-2824
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Controlled Substances Officer Kelly Nguyen 476-3328
Campus Fire Marshal Frank Billante 476-0570
Curtis Itson 476-0697
Public Safety Officer Krista Lindstrom 504-3531

For a complete listing of OEH&S staff, see the OEH&S website—Contact Us

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T:\BOB EATON – DIRECTOR\EH&S GUIDETO SERVICES_2011
INTRODUCTION

The Office of Environment Health and Safety (OEH&S) assists the campus community with the evaluation, planning, development, and execution of health, safety and environment programs.

OEH&S has established safety program for biological materials, radiation, fire and life, occupational health and research, environment permitting and monitoring, safety management, hazardous materials management, and removal of regulated waste. The department acts as University liaison with federal, state, and local regulatory agencies in interpreting the requirements of these agencies, evaluating potential hazards, and correcting violations of safety standards.

OEH&S provides a variety of services to campus departments. These include but are not limited to indoor air monitoring, ergonomic evaluations, instrument calibration, bioassays, wipe tests for contamination, removal of medical, chemical, radioactive and controlled substance waste, and laboratory inspections.

OEH&S also provides consultation and training, and makes recommendations for environment management and applied research. OEH&S assists the University by evaluating the impact of its activities on the environment.

A description of training classes offered by OEH&S is located on the UC Learning Center’s website. Course registration can be easily completed online.

The OEH&S Director oversees the inventory and application process for all state and local permits regulating hazardous materials storage, air toxics emissions, sewer discharge, underground storage tanks, waste disposal and other environment issues.

OEH&S assists both the UC Office of the President Long Range Planning and the UCSF Campus Planning as needed, with the development of Environment Assessments and Environment Impact Reports. OEH&S also coordinates with the Office of the President’s Facilities Management-Risk Management and the Office of the General Counsel on legal and regulatory issues.

OEH&S acts as liaison between UCSF and the neighborhood community and assists the UCSF Public Affairs Office in addressing community environment issues.
Hazardous Materials
Emergency Response Program

OEH&S has established the Hazardous Materials Emergency Response Program to provide 24-hour emergency support to campus and satellite locations.

The on-call Hazardous Material Emergency Responder is an OEH&S Specialist who is available seven days a week, 24 hours a day to provide technical assistance to the UCSF university community. The on-call responder is available by cell phone and pager 24 hours a day either on campus or while traveling in a fully equipped emergency response van and will respond immediately after receiving calls for assistance.

The Hazardous Materials Emergency Response Program complements existing campus policy which specifies that researchers are responsible for the clean-up of minor spills. The Emergency Response Team (ERT) generally responds to larger spills.

The ERT responds to “stabilize the situation” to protect human health and the environment. The ERT does not fully mitigate a hazardous materials spill or release. After stabilizing a hazardous material spill emergency event, the final mitigation of the situation is the responsibility of the Department, or Principal Investigator.

Hazardous Materials
Emergency Response
Reporting Procedures

After identifying a spill or release of a hazardous material the following reporting procedure should be followed:

1. Attend to injured or contaminated persons and remove them from exposure. Avoid unnecessary movement in order to prevent the spread of contamination.

2. Alert persons in the immediate area to evacuate.

3. Call UCPD at 9-911 or 476-1414 and provide the following information:
   - name
   - call back phone number
   - location of spill
   - identity of spilled material
   - quantity spilled
   - any other pertinent information.
   The UCPD will then contact the OEH&S Hazardous Materials Emergency Responder.

4. Close doors and restrict access to affected area.
5. Have a person knowledgeable with the incident available to assist emergency personnel.

PROGRAM SERVICES CHART

Central Administration
and Finance
Director of Finance and Administration
Suzanne Murphy

Contract Administration
Financial Management
Personnel
Purchasing
Recharges

Campus Program Manager
Mario Suarez

Animal Care Facility Monitoring
Biosafety Bloodborne Pathogens Training
Biosafety Certifications and Decertification
Biosafety Consultations and Inspections
Biosafety User Authorization Support
Carcinogen Usage and Registration
Chemical Safety Consultation and Inspections
Chemical Safety Manual/Chemical Hygiene Plan
Ergonomic Evaluations
Fire and Physical Safety Consultation and Inspections
Hazard Communication Program
Laboratory Accident Investigations
Radiation Consultation and Inspections
Radiation Dosimetry Program
Radiation Safety Certifications and Decertification
Radiation Training
Radiation User Authorization Support
Research Controlled Substances Usage and Registration
Safe Shipping of Biohazards Training
Sealed Source Monitoring
Training (Health and Safety)
Workplace Safety Evaluations and Inspections
OFFICE OF ENVIRONMENT HEALTH & SAFETY

Hazardous Materials Management
Program Manager
Lamberto Luistro

Air Toxic Emission
Chemical Waste Collection
Chemical Waste Analysis and Consultation
CUPA Compliance
Deluge Shower and Eyewash Station Monitoring
Due Diligence
Environment Permit Applications
Fume Hood Evaluation
Hazardous Materials Inventories (Business Plan)
Material Safety Data Sheet Resource Library
Radiation Detection Instrument Calibration
Research Controlled Substances Receiving
Research Controlled Substances Collection & Disposal
Medical Waste Removal and Contract Oversight
Radioactive Materials Receiving & Delivery
Radioactive Material Transport
Radioactive Waste Collection
Thyroid & Urine Bioassays
Waste Minimization Program
Wipe Test Services
Underground Storage Tanks Compliance and Inspection

Clinical & Industrial Hygiene
Program Manager
Vacant

Agency Liaison
Asbestos Material Sampling
Asbestos Abatement Oversight and Coordination
Asbestos Training and Notification
Community Air Quality and Noise Surveys
Emergency Response Program
Facility Plans Review
Fire & Physical Safety Consultations and Inspections
Food Inspections
Hospital Safety
Indoor Air Quality Evaluations
Occupational and Environment Exposure Monitoring
Patient Care Area Monitoring
PCBs, Lead
Respiratory Protection Program
Ventilation System Evaluation
Central Administrative Services Program

The Environment Health and Safety Central Administrative Services Program is responsible for accounting and analysis, departmental purchasing, programmatic administrative services, contract administration, recharges and financial management, information services, personnel and payroll.

The program will assist users of OEH&S services in solving recharge, contract and other related financial operational problems.

SERVICES & RESPONSIBILITIES

Accounting and Financial Management. Act as departmental liaison to the University accounting and budget offices.

Forms. A variety of OEH&S forms, both admin and technical are available on OEH&S web site.

Contract Administration. Monitor departmental vendor contract payments on behalf of the University to ensure contract compliance.

Recharges and Financial Management. Coordinates all recharge activities between Campus OEH&S service users and the Department. This includes Radioactive Waste Collection Services, Wipe Test Services and Instrument Calibration.

RECHARGE RATES
FY 2011-2012 AND FY –2012-2013

<table>
<thead>
<tr>
<th>Service</th>
<th>Unit Price</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instrument Calibration</td>
<td>$40.97</td>
<td>each</td>
</tr>
<tr>
<td>Wipe Test - Visit</td>
<td>$15.23</td>
<td>each</td>
</tr>
<tr>
<td>Wipe Test - Decon</td>
<td>$141.10</td>
<td>hour</td>
</tr>
<tr>
<td>Wipe Test - wipe</td>
<td>$1.99</td>
<td>each</td>
</tr>
</tbody>
</table>
**RADIOACTIVE WASTE**

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry, &lt;90 days</td>
<td>$93.63</td>
<td>cu. ft.</td>
</tr>
<tr>
<td>Dry, P-32</td>
<td>$93.63</td>
<td>cu. ft.</td>
</tr>
<tr>
<td>Dry, &gt;90 days</td>
<td>$154.70</td>
<td>cu. ft.</td>
</tr>
<tr>
<td>Aqueous, &lt;90 days</td>
<td>$114.74</td>
<td>gals</td>
</tr>
<tr>
<td>Aqueous, P-32</td>
<td>$113.62</td>
<td>gals</td>
</tr>
<tr>
<td>Aqueous, &gt;90 days</td>
<td>$177.03</td>
<td>gals</td>
</tr>
<tr>
<td>Vials, Regulated</td>
<td>$74.32</td>
<td>trays</td>
</tr>
<tr>
<td>Exempt Vials, De Minimus</td>
<td>$46.82</td>
<td>trays</td>
</tr>
<tr>
<td>Bulk Organic</td>
<td>$450.84</td>
<td>gals</td>
</tr>
<tr>
<td>Biological, &lt; 90</td>
<td>$101.56</td>
<td>cu. ft.</td>
</tr>
<tr>
<td>Biological, De Minimus</td>
<td>$101.56</td>
<td>cu. ft.</td>
</tr>
<tr>
<td>Biological, &gt; 90</td>
<td>$541.84</td>
<td>cu. ft.</td>
</tr>
<tr>
<td>Bactec Vials</td>
<td>$2.84</td>
<td>each</td>
</tr>
<tr>
<td>Beta Plates</td>
<td>$2.72</td>
<td>each</td>
</tr>
<tr>
<td>Uranyl Acetate</td>
<td>$159.58</td>
<td>gals</td>
</tr>
<tr>
<td>Nuclear Medicine</td>
<td>$93.63</td>
<td>cu. ft.</td>
</tr>
</tbody>
</table>

**Note:** These prices are subject to change as a result of regulatory surcharges imposed on disposal facilities. **Wipe Test Services.** Wipe Test Services are contracted by individual departments through OEH&S Business Services (476-0539). The recharge rate is $1.99 per wipe.
Campus Program

The Campus Program supports the research and administrative departments of UCSF for all environment, health, and safety issues. The program is built around the concept of a Department Safety Advisor (DSA).

Each department on campus is assigned an OEH&S specialist as the single point of contact for all OEH&S issues and activities. The DSA works closely with the Department Head, Chief Administrative Officer, Principal Investigators (PI), and their laboratory managers to identify and mitigate workplace hazards, and to ensure compliance with applicable environment and health and safety regulations.

The DSA can either provide or obtain resources within OEH&S to address all health and safety issues.

The Campus Program supports the Radiation, the Biosafety, the Chemical committees and their associated officers. The Campus Group interfaces with the Environment Health and Safety (OEH&S) User Committee to ensure that the OEH&S needs of the Campus community are met.

Program policies are in accordance with the current standards of good practice, the provisions of the University Licenses, the laws of the city of San Francisco and the State of California and the U.S. Government covering environment, health or safety practices.

It is the responsibility of OEH&S to maintain awareness of applicable policies and regulations, and to provide information on implementation of each to the UCSF community. The OEH&S web site contains links to many government agencies, regulatory agency requirements and professional organizations.

SERVICES & RESPONSIBILITIES

Laboratory Animal Resource Center (LARC) Monitoring
OEH&S has a DSA assigned to the Animal Care Facility. In addition, the Biosafety Officer conducts regular inspections of LARC.

Biosafety and Bloodborne Pathogens Training
The Campus Program offers initial and yearly refresher training for all campus personnel. Training is tailored to the needs of the work assignments.

Biosafety Certification and Decertification
OEH&S verifies availability of biosafety equipment (biosafety cabinets, autoclaves), facilities suitability and laboratory practices and procedures as appropriate to meet the risk-level of the studies performed at that site.
Biosafety Consultation and Inspections
The DSAs perform regular inspections of laboratories for the purpose of identifying and mitigating biohazards and for assuring the laboratory’s compliance with biosafety policies, guidelines, and regulations. The DSAs are also available for consultation in biosafety.

Biological User Authorizations Support
DSAs perform evaluations of laboratory practices, safety equipment and facilities as a part of the Biological Use Authorization (BUA) approval and renewal process. DSAs are also available to assist the investigator with preparation of the BUA application, and to support the Biosafety Committee's review process.

NOTE: For more information regarding the Biological Safety Program and requirements for using biohazardous materials at UCSF, please see the UCSF Biosafety Manual, distributed by OEH&S and available online at the OEH&S website.

Carcinogen Usage and Registration
OEH&S is responsible for maintaining appropriate registrations for campus users of certain carcinogens, reviewing the work practices of the carcinogen users, coordinating an exposure monitoring and/or medical surveillance program as needed.

Chemical Safety Consultation and Inspections
The DSAs perform regular inspections of laboratories for the purpose of identifying and mitigating chemical hazards and for assuring the laboratory's compliance with safety policies, guidelines, and regulations. The DSAs are also available for consultation in the chemicals and hazardous materials area.

Chemical Safety Manual/Chemical Hygiene Plan
OEH&S prepares and implements the UCSF Chemical Hygiene Plan (CHP). The CHP is embodied in the UCSF Chemical Safety Manual. Chemical Safety Policy is established by the UCSF Chemical Safety Committee, in accord with regulatory requirements. The entire chemical safety manual is available on the OEH&S website.

Disaster and Emergency Preparedness and Planning
The Campus Program assists in preparation of department Emergency Action Plans, provides training in emergency preparedness, inspects worksites for earthquake preparedness, and is available for consultation on this topic.

Ergonomic Evaluations
DSAs are available to evaluate ergonomic properties of individual work stations and work practices. Training in proper lifting techniques is also available.
Fire and Physical Safety Consultation and Inspections
The DSAs perform regular inspections of all campus facilities for the purpose of identifying and mitigating fire and physical hazards and for assuring compliance with safety policies, guidelines, and regulations. The DSAs are also available for consultations on this topic. DSAs work closely with the Campus Fire Marshal to ensure fire safety requirements are met.

Hazard Communication Program
The DSAs support the implementation of the UCSF Hazard Communication Program. They provide training in chemical labeling, storage and in use of Material Safety Data Sheets. They are available for consultation in identifying and mitigating workplace hazards.

Injury and Illness Prevention Program (IIPP)
DSAs support implementation of the UCSF IIPP by helping develop individual department safety committees, and by performing other services described herein.

Laboratory Accident Investigations
OEH&S investigates laboratory accidents, attempting to determine causes and complicating factors, and recommending ways to prevent future occurrence. Lessons learned are communicated to campus personnel during OEH&S training sessions, and via the OEH&S newsletter.

Radiation Dosimetry Program
A Campus Program representative is responsible for distribution, pick-up and all recordkeeping associated with personnel monitoring and area monitoring devices.

Radiation Safety Certifications and Decertification
OEH&S verifies availability of appropriate safety equipment (shielding, meters, fume hoods), facilities suitability, and laboratory practices and procedures as appropriate to meet the risk-level of the studies performed at the site.

Radiation Safety Consultations and Inspections
DSAs perform regular inspections of laboratories for the purpose of identifying and mitigating radiation hazards and for assuring the laboratory's compliance with radiation safety policies, guidelines, and regulations. The DSAs are available for consultation in the radiation safety area.

Radiation Safety Training
All personnel who work with radioisotopes must be trained to understand the associated hazards and to use proper techniques in working with isotopes. This training must occur before the individual can begin use of radioisotopes. The Campus Group provides online training. Radioisotope users must be retrained biennially.
Radiation Use Authorization (RUA) Support
DSAs perform evaluations of laboratory practices, safety equipment, and facilities as a part of the RUA approval process. DSAs are also available to assist the investigator with preparation of the RUA application, and to support the Radiation Safety Committee’s review process.

Research Controlled Substances Usage and Registration
OEH&S is responsible for recognizing controlled substance hazards, developing safe procedures through peer review, newsletters, and communications with campus users, and maintaining registrations.

Sealed Source Monitoring
All radioactive sealed sources must be inventoried quarterly and leak-tested semiannually. DSAs are available to support the inventory and to perform the leak testing.

Training
The Campus Group can provide training for all environment, health, and safety topics, as necessary for the safety and well-being of all campus employees. Each DSA coordinates the needs and training schedules for assigned departments. For a list of training courses offered by OEH&S go to the OEH&S webpage at Research online http://www.ehs.ucsf.edu/Training/oehsTraining.asp

Safe Shipping of Biohazards
The Biosafety Officer provides initial and biennially refresher training on the safe shipping of biohazardous materials. These sessions include local, state, federal, and international regulations regarding paperwork and shipping containers. A certificate is provided to all those who successfully complete their session. These certificates are legally required if you need to ship by common carrier, and are being required by these carriers before they will accept this category of “dangerous goods”.

Workplace Safety Evaluations and Inspections
The DSAs perform regular inspections of all campus work areas for the purpose of identifying and mitigating hazards not covered by other processes (physical hazards, electrical hazards), and for assuring compliance with employee health and safety regulations. DSAs are also available for consultation on any safety issue.

Hazardous Materials Management Program
The Hazardous Materials Management Program (HMM) oversee services related to hazardous chemical waste collection; radiation survey instrument calibration, radioisotope receiving and delivery, radioactive waste collection, thyroid and urine bioassays, wipe test services, controlled substances receiving, collection and disposal, research medical waste collection, and environment permits.

The HMM program arrange for the pickup and disposal of hazardous waste from all UCSF locations. This Group is responsible for maintaining the necessary permits, licenses, and registrations to operate and manage
OEH&S hazardous waste facilities and for overseeing the consolidation, packaging, and removal of the waste from UCSF sites.

The HMM program oversee chemical, radioactive and medical waste removal contracts. Audits of vendors are conducted as needed.

SERVICES & RESPONSIBILITIES

Chemical Waste Collection
Collect hazardous (chemical) waste from all UCSF locations. Arranges with vendors for final disposal, maintains shipping manifests, waste removal records, and transporter permits.

Deluge Shower and Eyewash Station Monitoring
HMM Program representative functionally checks all deluge showers and eyewash stations on a monthly basis. On a yearly basis, deluge shower flow rates are verified. OEH&S is available for consultation on selection and appropriate placement of deluge showers and eyewash stations at all UCSF locations.

Due Diligence
HMM assist UCSF property managers in performing their due diligence responsibilities prior to leasing rental space by performing a technical review of the property and preparing a written report on findings. The review focuses on environment issues associated with the prior uses of hazardous materials or hazardous wastes (e.g. chemical, radioactive, and biological materials or wastes).

Environment Permits
HMM represent UCSF on behalf of EH&S with environment regulatory agencies and secures needed environment permits, licenses, and/or registrations. This includes required air, sewer discharge, and underground/above storage tanks permits. Compliance with permit conditions and necessary agency reporting is also provided.

Fume Hood Evaluation
HMM Program representative is responsible for placement, testing, and function of all fume hoods on the UCSF campuses. Fume hoods are tested and certified yearly.

Hazardous Materials Inventories (Business Plan)
The City of San Francisco mandates a complete inventory of hazardous chemicals and other hazardous materials at UCSF biannually. DSAs are available to assist their departments in performing the inventory and providing the appropriate documentation.

Material Safety Data Sheet (MSDS) Resource Library
The HMM Program is responsible for the availability of MSDSs for all hazardous materials used at UCSF. OEH&S assures hard copy and/or electronic access to MSDSs for all chemicals in the chemical inventory. HMM Specialist can arrange for distribution of MSDSs to users. The OEH&S web site contains links to several MSDS databases.
Medical Waste Removal
Collect medical waste from UCSF campus research laboratories. Arranges with vendors for final disposal, maintains shipping records and required permits. Oversee UCSF Medical Waste Management Program.

Permit Applications
OEH&S coordinate and maintain responsibility for all permits required by regulatory agencies, including the City of San Francisco, the State of California, and the Federal Government.

Radioactive Waste Removal
Collect, package, and arrange for final disposal of radioactive waste from all UCSF locations. Arranges with vendors for final disposal, maintains all required regulatory records including shipping manifests.

Recharge Rates for Radioactive Waste Collection Services
See Administrative Information Services Program page 8.

Radiation Survey Instrument Calibration
HMM pick up, calibrate, and arrange for return of radiation survey meters. The UCSF Radioactive Material License requires annual inspection and calibration of these instruments.

Radioisotope Receiving and Delivery
Radioactive materials are delivered to OEH&S authorized Radioisotope Receiving Area (such as Long-235G, Mission Bay Genentech Hall N121 and Mt. Zion N 130). Shipments are surveyed for contamination. Radiation use authorization is verified and the material is delivered to the laboratory.

Research Controlled Substances Receiving
HMM receive controlled substances at Parnassus and Mission Bay. Upon receipt of the substances from either the Medical Center Pharmacy or from commercial distributors, the documentation of each package is verified for accuracy and completeness. Only registered controlled substance users are allowed to pick-up approved shipments at the receiving laboratory.

Research Controlled Substances Collection and Disposal
Disposal of expired and unwanted controlled substances are not permitted. These substances must be surrendered and disposed of properly through the OEH&S Controlled Substances program. HMM staff arranges for proper disposal with approved outside vendors and maintain required shipping and disposal records.

Thyroid and Urine Bioassays
Users of volatile radioactive iodine are required to undergo a thyroid scan on a frequency determined by the UCSF Radioactive Materials License. The scan is performed at the Parnassus campus Radioisotope Receiving Area (Long 235G) and at Mission Bay Genentech Hall (N121) following procedures prescribed by the Radiation Safety Officer.
Wipe Test Services
UCSF license requires laboratories using radioactive material to perform wipe testing on a regular basis. HMM provides this service on a recharge basis.

Note: For more information about the UCSF Radiation Safety Program, refer to the UCSF Radiation Safety Manual, available at the OEH&S web site.

Clinical & Industrial Hygiene Program

The Clinical and Industrial Hygiene Program assists UCSF healthcare facilities in complying with the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) requirements, conducts new employee safety orientation for hospital employees, performs industrial hygiene surveys for employees who may be exposed to hazardous working conditions, conducts x-ray machine inspections and oversees the campus sanitation program. The group also coordinates CAL/OSHA and other regulatory inspections.

Asbestos Abatement Project Coordination
Provide technical support to project managers and assist in the development of written specifications for asbestos abatement projects. Conducts inspections of asbestos abatement projects prior to the beginning of the work, verifies containment procedures during operations, and performs clearance evaluations upon completion of projects. Oversees the disposal of waste material from project site.

The Clinical Program also provide assistance to identify areas containing lead and PCBs and provides technical advice regarding their safe removal and disposal.

Asbestos Material Sampling
Conduct inspections to verify existence of Asbestos Containing Building Material (ACBM) in buildings at UCSF and maintains an inventory of all such locations. Perform material and air sampling for campus departments or upon employee request.

Asbestos Training and Notification
Develop and conduct training on the potential hazards of asbestos and safe work practices for UCSF employees who perform work that may expose them to asbestos. Notify and conduct training for all UCSF employees in areas where asbestos abatement projects are being conducted or where asbestos materials may be present in the work environment.

Facility Plans Review
OEH&S staff and applicable safety officers review plans for new construction and remodeling projects to assure compliance with health and safety standards.
Inspection and Calibration of Equipment Producing Ionizing Radiation
Equipment inspection on a regular basis is required by the State Bureau of Radiologic Health Branch. Inspection records are kept by Radiation Safety and the department that owns the equipment.

Patient Care Area Monitoring
The Patient Injection Area and the Radiopharmaceutical Laboratory are monitored daily for evidence of contamination. Brachytherapy and thyroid therapy patient areas are monitored, and provided special instructions before release.

Occupational Exposure Monitoring
Conduct air monitoring surveys for potentially harmful chemical substances or physical agents. Investigate complaints from all UCSF locations concerning problems associated with nonradioactive chemicals, odors, and noise exposure.

Respiratory Protection Program
UCSF has developed a Respiratory Protection Program (RPP) to establish uniform policies and procedures concerning the use of respirators by UCSF employees and students. The RPP is designed to meet the regulatory requirements mandating a written respiratory protection program to assist employees, students, and supervisors in understanding their responsibilities, how to obtain a respirator, and how to properly use and care for their respirators.

Ventilation Systems Evaluation and Monitoring
Evaluate general mechanical ventilation systems for indoor environments. Monitors and evaluates local exhaust systems including but not limited to canopy hoods, slot hoods, welding booths, and spray booths.

Environment Sanitation
Inspect and monitor vendor and University-controlled food service operations on campus. Prepares food handler sanitation guidelines. Coordinates the testing of the campus water supply and reviews analytical results. Investigates complaints regarding food sanitation, pest control and water quality for all campus locations.

Emergency Response Team – ERT
Coordinate operations of the Hazardous Materials ERT, provides for routine training and maintains needed equipment and supplies.

Hospital Safety
Assist the UCSF Medical Center, Langley Porter Psychiatric Institute, Mt. Zion Hospital and other off-site facilities in complying with Joint Commission on Accreditation of Healthcare Organizations (JCAHO) standards. Assists the UCSF Medical Center Infection Control Committee with the development of policies and procedures to control and prevent the transmission of infectious microorganisms.
Nonionizing Radiation Equipment
Monitor the use and function of nonionizing radiation-producing equipment. Lasers on campus are inspected upon installation and on an annual basis. Microwave ovens can be inspected upon request. Non-ionizing energy-producing equipment is inspected on request.