



## Biological Safety Program Fact Sheet

### Functional Role

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The Biological Safety Program facilitates regulatory compliance and provides training to multiple University cohorts at risk of occupational exposure to potentially infectious materials, toxins and certain recombinant DNA technologies. The Campus Biosafety Officer oversees the program, coordinates the activities of the Institutional Biosafety Committee (IBC), advises on practices for the safe use of biological materials by faculty, staff, students and laboratory personnel, and serves as a liaison to the California Department of Public Health for the campus-wide medical waste program.

### Performance Objectives

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- Educate and advocate that all research, teaching and occupational duties directly involving biological materials are to be handled safely to minimize the risk of injury to people, animals, and the environment
- In consultation with faculty, staff, and the IBC, develop and implement policies, procedures, and practices to reduce the risks of work with biological materials with consideration given to maximizing the effectiveness of research and teaching
- Assist Principal Investigators and research staff in developing exposure control plans and review exposure control plans to document compliance with state and federal regulations
- Perform inspections of project facilities prior to IBC approval of research with biological materials and annually thereafter to ensure that appropriate laboratory practices are followed
- Provide training in the subjects of biological containment practices, bloodborne pathogens, field biosafety, and aerosol transmissible diseases
- Provide consultation and support to IBC and Research community regarding Biological safety issues
- Ongoing review of Biological Use Authorizations with associated laboratory audits

### Program Elements

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- Biological safety awareness and training
- Infectious substances shipping
- Medical waste management
- Provide research safety direct support to Molecular, Cellular & Developmental Biology Department and Neuroscience Research Institute
- Bloodborne pathogens
- Aerosol transmissible diseases

- Biological safety inspection and support
- Support of the Institutional Biosafety Committee
- Advises staff on biological safety equipment and reviews and approves purchase requisitions.
- Support of Institutional Animal Care and Use Committee

## Regulatory Compliance

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### Federal:

- 59 FR 34472 NIH Guidelines for Research Involving Recombinant DNA Molecules
- 29 CFR 1910.1030 Bloodborne Pathogens Standard
- Department of Transportation – Hazardous Materials 49 CFR 172-174
- Department of Agriculture, Animal and Plant Health Inspection Service, and Centers for Disease Control and Prevention Select Agent Regulations 42 CFR Part 73, 7 CFR Part 331, 9 CFR Part 121
- U.S. Department of Health and Human Services, CDC and NIH, Biosafety in Microbiological and Biomedical Laboratories, current edition

### State:

- Medical Waste Management Act, California Health and Safety Code Sections 117600 – 118360
- Title 8 CCR Section 5193 Bloodborne Pathogens Standard
- Title 8 CCR Section 5199 Aerosol Transmissible Diseases Standard
- Title 8 CCR Section 5154.2 Biological Safety Cabinets

### Campus:

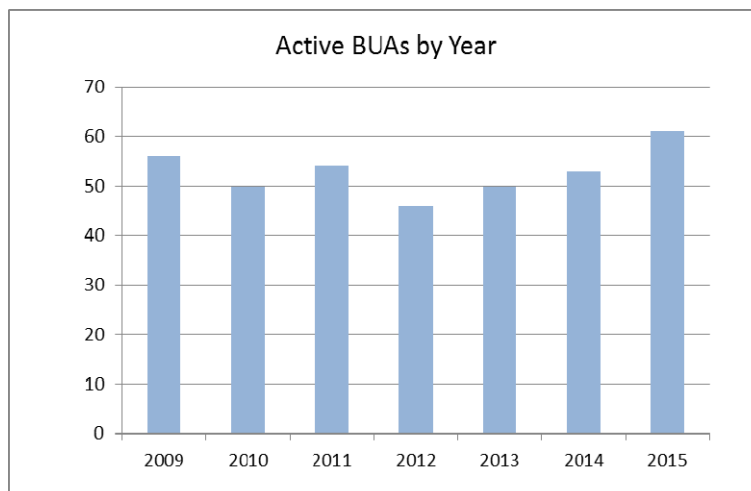
- Responsibilities and procedures are defined in the UCSB Biological Safety Policy: <http://www.policy.ucsb.edu/policies/policy-docs/bio-safety.pdf>.

## Program Performance Management Statistics

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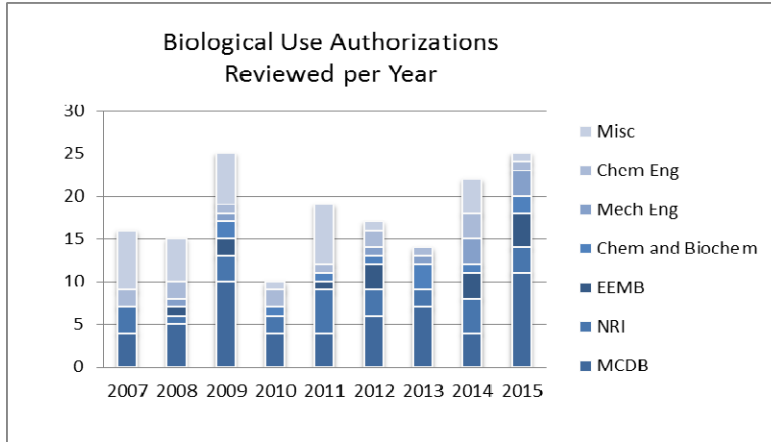
Total Number of Active BUA's submitted by Year (2009-2015)

Measures the Biological Use Authorizations submitted by year.



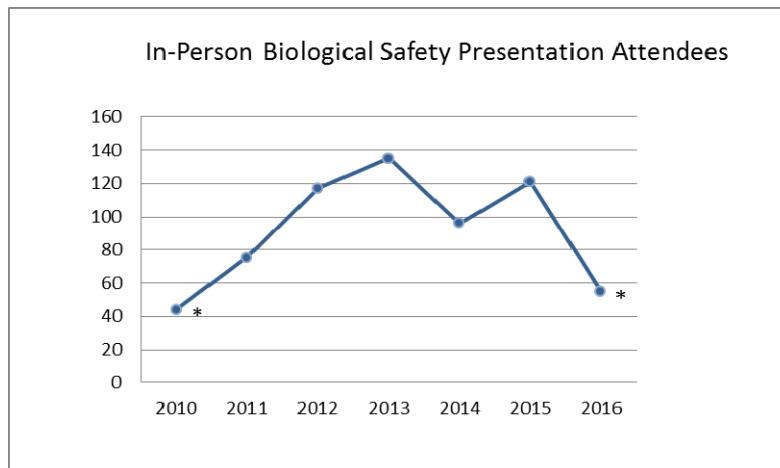
**Total Number of BUA's Reviewed by Year (2009-2015)**

Measures the Biological Use Authorizations reviewed by year by major department.



**Total Number of In-Person Biological Safety Presentation Attendees**

Measures the number of Attendees of the Biological Safety Presentations.



\*Number of attendees for 2010 and 2016 are for two out of four regularly scheduled presentations.

Contact the EH&S, Risk and Emergency Services at (805) 893-7534 if you have any questions.