Environmental Health and Safety Department
Annual Report – 2015/16
An Administrative and Business Services Department
Ensuring Safety and Health on Campus
Environmental Health & Safety
Mission and Vision

Mission:
- The mission of Environmental Health & Safety (EH&S) is to support the UCI campus community by proactively protecting people, property and the environment in a responsive and cost effective manner.

Vision:
- UCI Environmental Health & Safety (EH&S) provides reliable and innovative services to the campus community. EH&S is accessible, flexible and responsive to our customers. We understand and exceed customers and community expectations.
- We represent a dependable, flexible organization where trust, civility, and mutual aid are key elements to achieving our goals. We are dedicated to encouraging diversity and individual strengths through communication, understanding and creativity. Through the coordination of our efforts, we achieve the unified goal of creating a safety culture within our community.
- EH&S and the campus community work together. We support academic and research excellence. UCI is a safe and healthy environment with appropriate compliance, protection of assets and efficient execution of business processes. Our proactive planning is welcomed and recognized to mitigate the impact of incidents to the campus and community.
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* Information captured in this report is based on both calendar-year and fiscal-year data.
I. Customer Satisfaction

Administrative & Business Services Customer Survey Results – 2015

EH&S Track Record of Meeting Customers Overall Expectations

![Bar chart showing the track record of meeting customers' overall expectations from 2006 to 2015. The chart indicates a general trend of improvement over the years, with a peak in 2013.]
EH&S Funding per Net Assignable Square foot (NASF) has decreased approximately 35% over the past 8 years.

EH&S Funding Per Total Campus NASF

- EH&S Funding Per NASF

- $0.10
- $0.20
- $0.30
- $0.40
- $0.50
- $0.60
- $0.70

- 2007-2008
- 2008-2009
- 2009-2010
- 2010-2011
- 2011-2012
- 2012-2013
- 2013-2014
- 2014-2015
- 2015-2016

II. Financial
Compared to the UC average, UC Irvine has saved approximately $45 million in Workers’ Compensation related costs over the last 10 years.
Workers’ Compensation claims per 100 employees remains very low and have been reduced by 10% over the past 10 years.
UCI Ergonomics-Related Injuries Dropping

The total number of ergonomics-related injuries and associated costs has decreased significantly over the last 7 years while the total number of lost days decreased to zero in FY 14/15 and 15/16. Average cost of ergonomics-related injuries continues to decrease.
There are over 900 work units on the UC Irvine Campus. Of these work units, 74% have identified SOS (Safety on Site) Representatives and 58% of these work units are currently actively engaged in the SOS program.

III. Key Performance Indicators

Safety Program Integration into Campus

Campus Work Units with SOS Reps Identified

Campus Work Unit Actively Participating in SOS
The EH&S cradle-to-grave hazardous waste management program provides the critical foundation needed to keep the environment and people safe. The annual waste disposals vary depending on the variations in research activities and construction projects.

Hazardous Waste management includes recycling, treatment, incineration, and landfill.
Pounds of Criteria Air Pollutant Emissions per Person (Students + Work Force)

UCI’s criteria air pollutant emissions are reduced due to a number of factors including the use of photovoltaic power, energy efficient lighting as well as smart labs.
Total Lab Safety Deficiency Items Identified and Corrected Increasing

III. Key Performance Indicators

Data as of October 1, 2016
Most Common Lab Safety Survey Items Identified
Fiscal Year 2015-16

EH&S continues to partner with Campus laboratories to correct lab deficiencies
Total Research Safety Related Assessments

EH&S continues to increase the frequency of general lab hazard assessments and implement hazard specific reviews.
Total PPE Distribution & Compliance Continues to Improve

III. Key Performance Indicators

Personal Protective Equipment Distribution and Rates of Compliance

- Steady State Distribution
- Rate of Compliance

Q1 (Jul-Sept 2015): 961
Q2 (Oct-Dec 2015): 1011
Q3 (Jan-Mar 2016): 1422
Q4 (Apr-June 2016): 1388

Steady State Distribution and Rate of Compliance:
- Q1: 66.15%
- Q2: 85.32%
- Q3: 79.61%
- Q4: 79.71%
Campus Safety and Environmental Health Compliance - 2016

EH&S manages approximately 110 safety and environmental programs. The graph below indicates campus compliance with these programs.
## IV. Regulatory Compliance – External Agencies Inspections

<table>
<thead>
<tr>
<th>External Agency</th>
<th>Inspection Conducted</th>
<th>Date of Inspection</th>
<th>Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Association for Assessment and Accreditation of laboratory Animal Care (AAALAC)</td>
<td>3-year accreditation site visit</td>
<td>July 13-15, 2015</td>
<td>None noted</td>
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<tr>
<td>Drug Enforcement Administration (DEA)</td>
<td>Un-announced audit</td>
<td>June 1, 2016</td>
<td>None noted</td>
</tr>
<tr>
<td>Nuclear Regulatory Commission</td>
<td>Research Reactor Facility Radiation Safety Program Inspection</td>
<td>June 13-15, 2016</td>
<td>None noted</td>
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<tr>
<td>South Coast Air Quality Management District</td>
<td>Title V</td>
<td>April 2, 2015 &amp; April 22, 2015</td>
<td>None noted</td>
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<tr>
<td>Orange County Health Care Agency Environmental Health</td>
<td>Spill prevention control and countermeasures</td>
<td>August 13, 2015</td>
<td>None noted</td>
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<tr>
<td>Orange County Health Care Agency Environmental Health</td>
<td>Hazardous waste</td>
<td>August 13, 2015</td>
<td>None noted</td>
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<tr>
<td>Orange County Health Care Agency Environmental Health</td>
<td>Underground storage tanks</td>
<td>November 30, 2015</td>
<td>None noted</td>
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<tr>
<td>South Coast Air Quality Management District</td>
<td>California Air Resources Board, Portable Equipment Registration Program</td>
<td>December 2, 2015</td>
<td>None noted</td>
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<tr>
<td>California Highway Patrol (CHP)</td>
<td>Department of Transportation (DOT)</td>
<td>March 28, 2016</td>
<td>None noted</td>
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