

# 2017 By the Numbers

**399** principal investigators known to OEHS

**110** principal investigators registered with the IBC

**1769** laboratory spaces known to OEHS

**379** laboratory support spaces known to OEHS

**15** academic teaching labs known to OEHS

**1468** laboratory safety compliance audits conducted annually

**157,359** lbs chemical waste generated in 2015

**129,911** gallons biological waste generated annually

**30** hazardous materials used in IACUC protocols registrations

**121** institutional biosafety committee protocols approved in 2015

**51** academic shops audited in 2015

**158** targeted unannounced laboratory inspections in 2015

**145** labs the work with recombinant or synthetic DNA at BSL2 or higher

**6** principal investigators working with HIV

**25** principal investigators working with biologically derived toxins

**7** principal investigators working with toxins on the select agent list (below the quantities required for registration)

**0** principal investigators working with select agents in quantities requiring registration

**0** chemicals in quantities requiring CFATS security plan

**12** principal investigators working with human gene transfer protocols

**410** people trained in blood borne pathogen safety in CY 2015

**1187** fume hoods

**859** emergency shower and eyewash units

**494** biosafety cabinets

**128** autoclaves

## Program Elements

Roles and responsibilities related to Occupational and Environmental Health and Safety University are outlined in University Regulation 3-300

### Industrial Hygiene

Chemical Exposure Assessment  
 Personal Protective Equipment (PPE)  
 Respiratory Protection  
 Hearing Conservation (Noise)  
 Indoor Environmental Quality (Mold, Indoor Air Quality)  
 Coordination of Medical Surveillance  
 Emergency Response Assistance  
 Project/Plan Review  
 Asbestos, Lead and Mold Inspection  
 Industrial Hygiene Equipment Management  
 Data Management

### Research Safety

Chemical Hygiene Plan Review/ Assistance  
 Chemical Inventory Collection and Management  
 Laboratory Standard Operating Procedure Review and Preparation Assistance  
 Laboratory Process Risk Assessment Assistance  
 Compliance Auditing of Labs and Lab Support Spaces  
 Incident Investigation and Corrective Action Follow-up  
 Communication of New Hazard Information that Becomes Available  
 Toxic Materials  
 Select Agents and Toxins  
 Institutional Biosafety Committee Management  
 Laboratory Ventilation and Controls including Fume Hoods  
 Capital Improvement Requests to Upgrade Existing Laboratory Safety Equipment and Associated Infrastructure  
 Unwanted Hazardous Materials Management  
 Laboratory Relocation Assistance and Oversight  
 Mercury Thermometer Exchange  
 Exposure Assessment  
 Promotion and Advancement of an Overall Culture of Research Safety  
 Approval for the Use of Hazardous Drugs and Other Materials in Animal Research  
 IACUC Protocol Review  
 University Procedures, Rules, and Guidelines Related to Research Safety  
 UShop Purchase Approval of Hazardous Materials

### Safety and Compliance Assistance

Regulatory Agency Liaison (UOSH, EPA, CDC, etc.)  
 Laboratory Safety Compliance Audits  
 Training  
 Laboratory Safety Program Support  
 Expert Advice and Counsel in Regulatory Compliance Matters  
 Incident Investigation and Reporting  
 Campus Facility Design Standard Development Assistance  
 Facility Safety Compliance Audits  
 Chemical Facility Anti-Terrorism Standard (CFATS) Monitoring

### Occupational Safety

Facility Closure and/or Relocation  
 Construction Plan Review  
 Safety Related Capital Improvement Recommendations  
 Worker's Compensation Incident Investigation  
 Emergency Response Assistance  
 Slip, Trip, and Fall Prevention  
 Confined Space Entry  
 Lockout Tagout  
 Compressed Gas Safety  
 Machinery and Power Tool Safety  
 Electrical Safety  
 Lighting and Illumination Monitoring  
 Ladder and Aerial Lift Safety