

FY20 ANNUAL REPORT



We partner with the UW community to provide a safe campus and protect our environment

HIGHLIGHTED ACCOMPLISHMENTS

COVID-19 response and prevention: Created a COVID-19 response and prevention unit to conduct case investigations and contact tracing for UW employees and students; developed campus COVID-19 prevention guidelines, resources, and training; facilitated the University's Advisory Committee on Communicable Diseases (ACCD); developed the University COVID-19 tracking system and dashboard; conducted research and lab safety reviews for critical SARS-CoV-2 research projects.

Enhanced workplace safety: Established the Institutional Chemical and Physical Safety (ICAPS) Committee; implemented a web-based portal for managing radiological and biological safety in research; created the Lab Inspection Chair Dashboard; presented awards to departments in seven colleges/schools and nine principal investigators from UW Bothell, Seattle, and Tacoma; integrated EH&S workplace health and safety requirements into the University's "Welcome Day" new employee training.

Improved online training: Developed new courses, including COVID-19 Safety: Back to the Workplace, 5-Why Incident Investigation, chemical waste collection instructional video, New Member Health and Safety Committee, Crystalline Silica Safety, and Emergency Evacuation Warden; enhanced courses, including Radiation Safety, Asbestos Awareness, and Hydrofluoric Acid Safety.

Strengthened workplace incident response and prevention: Developed a workplace incident reporting tool for preventing future incidents; implemented a new serious incident investigation process; improved OSHA 300 log reporting and causal factor identification for slips, trips, and falls.

Supported cesium-137 remediation: Continued collaborating with the U. S. Department of Energy, the Washington State Department of Health, and other stakeholders to support the remediation of the Harborview Research and Training Building (R&T) due to the accidental release of cesium-137 in May 2019.

Implemented program efficiencies: Incorporated new Hazardous Waste Generator Improvement Rule's consolidation option, allowing quicker response time to waste collection requests; implemented a new database for radiation safety and biological safety, increasing inspection efficiency and improving overall management of inspections and reporting.

Improved lead handling and disposal: Completed the Lean Lead Project; established a disposal and recycling process for metallic lead products and safe work practices to prevent

occupational exposure to lead; published the Lead Safety Manual and webpage; reduced the amount of lead EH&S handles, transports and disposes.

Improved control of radiation-producing machines: Created efficiencies in the inventory system; implemented a permitting system; implemented a process to recover cost from machine owners for registration fees imposed by the Washington State Department of Health.

Supported the integration of Northwest Hospital: Initiated chemical waste collections and radiation safety support; integrated the UWMC-NW employee population into the University-wide employee health database, the OSHA record keeping system, and the UW Accident Prevention Program.

SELECT PRESENTATIONS

Addressing Barriers to Using Hearing Protection... with a Surprising Motivator Karen Crow, Pacific Northwest Social Marketing Association SPARKS Conference, December 2019

Managing Hearing Protection Through Ear Plug Fit Testing Brandon Kemperman, Karen Crow & Lilian Liu, Governor's Industrial Safety and Health Conference, September 2019

Safety in Shared Spaces Alex Hagen, Campus Safety, Health, and Environmental Management Association (CSHEMA) Conference, July 2019

UW Laboratory Safety Dashboard Tracy Harvey, CSHEMA Conference, July 2019

Innovation Destination webinar Alex Hagen, CSHEMA Conference, January 2020

AWARDS

UW Distinguished Staff Team Award: EH&S staff were among the recipients of the award for emergency response efforts following the radiological material release at Harborview R&T.

King County Industrial Waste Silver Award: EH&S was recognized for an excellent record of compliance with wastewater discharge permit requirements for the Seattle campus.

CSHEMA Campus Leaders Who Care: Provost Richards was recognized for his support and leadership in promoting laboratory safety at the University.

UW Partner of the Year Award: EH&S received the Partner of the Year Award from UW Student Life.

FY20

JULY 1, 2019 - JUNE 30, 2020

16,992

Faculty, staff and students completed one or more safety training courses



4,479 Staff hours for COVID-19 response and prevention



671

Laboratory safety surveys



Indoor air quality investigations

74



7,079 UW employees completed COVID-19 training

COVID-19 webinars attendance (employees and students) **900**

Audited completion of lab safety equipment testing in

2,441 Rooms in **61** Buildings



833 eye washes



314 safety showers



296 fire extinguishers



29 autoclaves



428

Food safety inspections



140,199

People ate at campus events where temporary food permits ensured food safety

40 Biological research reviews and approvals involving SARS-CoV-2

Respirator fit tests **694**



Reduced regulated chemical waste by **49,119 lbs**

Diverted for recycling:



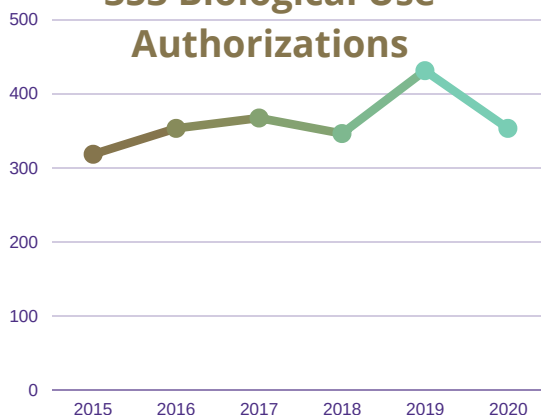
44,092 lbs batteries



24,251 lbs

fluorescent light tubes

353 Biological Use Authorizations



Biological safety cabinets certified

1,719

Chemical fume hoods tested

958



289

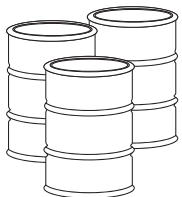
Radiation producing machines registered

Laser hazard **236** assessments completed

18

Radio frequency (RF) sources reviewed

313 tons of hazardous waste collected to fill



15,014 containers

Provided dive safety oversight to **70** scientific divers



who conducted

400

SCUBA dives

Health screenings completed for personnel who work in an animal care and use environment

1,375



ENVIRONMENTAL HEALTH & SAFETY

UNIVERSITY of WASHINGTON