



# OCCUPATIONAL AND ENVIRONMENTAL SAFETY

## Annual Report

July 2023 – June 2024



# Occupational and Environmental Safety

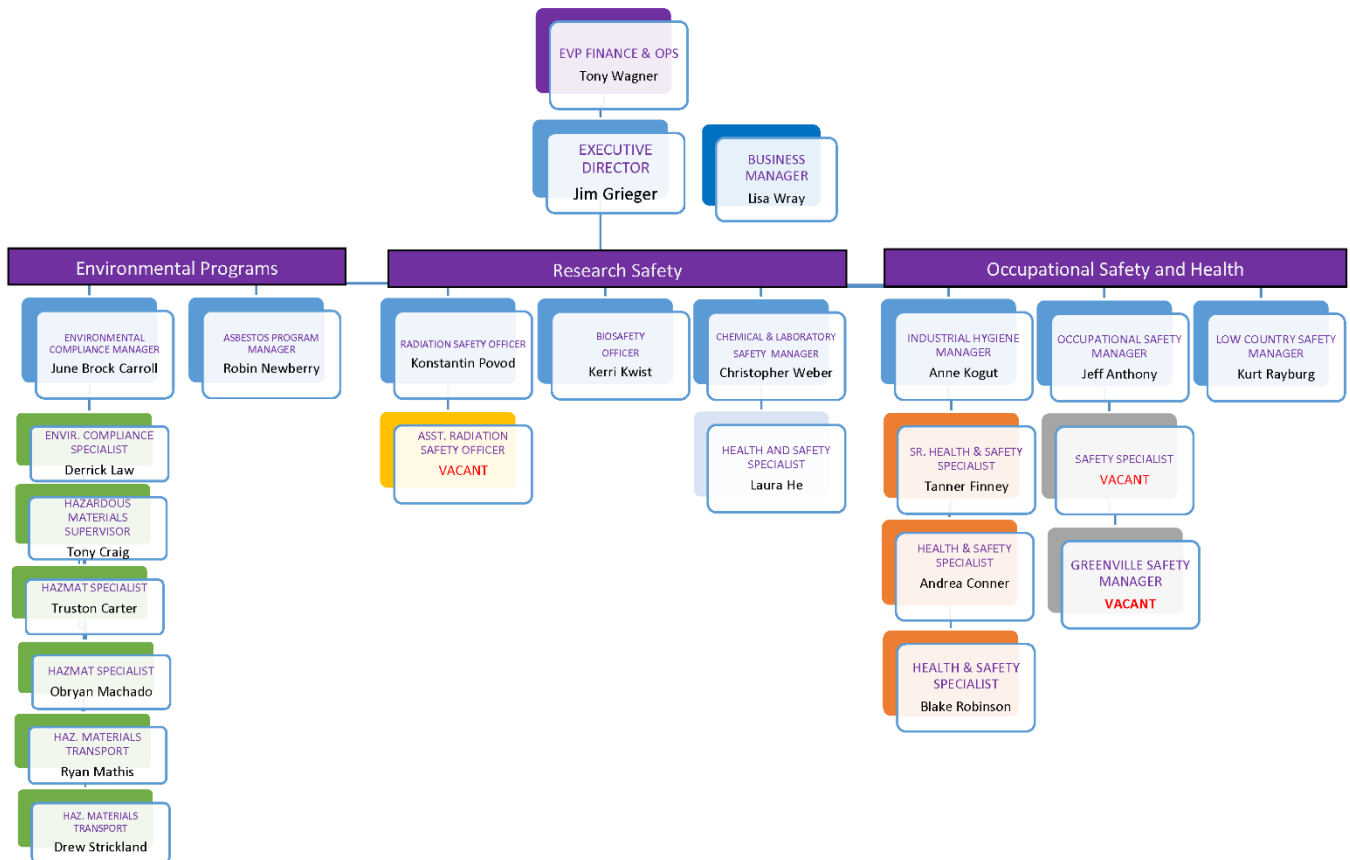
## Mission

Occupational and Environmental Safety (OES) is a team of dedicated professionals who provide safety and compliance services to support Clemson University’s core mission of research, teaching and public service. We accomplish this through collaboration and partnerships with the Clemson community and are committed to continuous improvement and exceptional customer service.

## Vision

To be a high performing and valued OES organization where safety and environmental protection are core values in the day-to-day operations of the university and integrated into the educational experience of our students.

## OCCUPATIONAL & ENVIRONMENTAL SAFETY





## Executive Summary

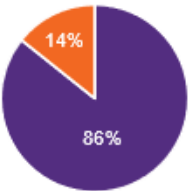
OES had another productive and innovative year supporting Clemson's mission of research, teaching and service. As a department, we completed 16 Strategic Objectives that aligned with the Division of Finance and Operations Strategic Plan and Clemson Elevate. We also managed our resources responsibly and met our financial and budget obligations. The following bullets highlight the Strategic Objectives we accomplished:

- Presented the health and safety program at CURI-EIC at the annual Department Safety Coordinators Retreat
- Increased awareness of Shop Safety practices at designated facilities, specifically Coastal REC and Pee Dee REC
- Increased business service process improvements through the use of university IT Tools: Adaptive, Concur, Cherwell, OnBase
- Developed Field Safety Guidance, Resources, and Review Processes with Key Stakeholders including gaining certification to instruct a Wilderness First Aid certification program
- Implemented a new university incident report form and management system converting a paper process to electronic
- Completed a staffing and compensation review with the Office of Human Resources
- Conducted targeted OES Customer Surveys with Key Stakeholders (CECAS and University Facilities)
- Developed and implemented a Controlled Substance Program including a University Policy
- Completed the 5th Annual Department Safety Coordinator (DSC) Retreat and DSC program improvements
- Completed Development of Crystalline Silica OSHA Compliance Program including Written Programs, Training, and Air Monitoring
- Emphasized Regulatory and Inspection Compliance Prep for SCDHEC and EPA inspections: Hazardous Waste Management across all CU campuses
- Established the Hazardous Materials (HazMat) Transport Service Program
- Completed Radiation Safety Facility Upgrades
- Developed and Implemented the ClemsonLIFE Hospitality Certificate Training Partnership and provided OSHA 10 hr. Certification for 5 students
- Established an innovative staffing solution by creating a formal funding partnership with CECAS to support the Radiation Safety Program staffing

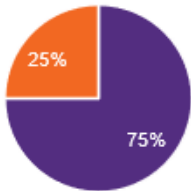
# Client Survey Results

Extremely Satisfied  
Somewhat Satisfied

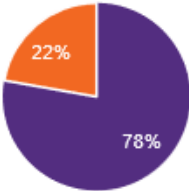
Professionalism and acting in a Courteous Manner



Usefulness of Services Provided



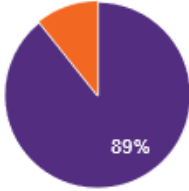
Communicating in an Empathic and Helpful Manner



Subject Matter Expertise for Health and Safety Concerns



Responsiveness to Health and Safety Concerns



Level of Effort to utilize OES Service:



Not Applicable High Effort Moderate Effort Low Effort

# Year in Review



June Brock-Carroll represented Clemson at the Institute of Hazardous Materials Management (IHMM) at Colleges and Universities Conference.



Anne Kogut represented Clemson OES at the 5<sup>th</sup> Annual Department Safety Coordinator Retreat.

13,972, ↑ 16.1%,  
students and staff trained  
(online & in-person)



ClemsonLIFE 10-hr course and working with Occupational Medicine to conduct Audiometric testing.



# Occupational Safety and Industrial Hygiene



4011 Online OHS Training participants

↑ 26%

3252 Online IH Training participants

13 Live IH Training programs

↑ 62%

109 OHS Workplace Inspections

↑ 40%

41 IH Inspections

↑ 78%



108 Incident reports filed and reviewed

51 Total Indoor Air Quality Investigations

For more information, please follow our link to the Occupational Safety [Summary Report](#) and the Industrial Hygiene [Summary Report](#).



## Research Safety

1813 Biosafety Training Online Training participants

↑ 30%

165 Biosafety Training Live Initial Training participants

Capturing more people initially, requiring only refreshers for continual work



1016 Lab Safety Online Training participants

266 Lab Safety Live Initial Training participants



Annual Lab Safety Inspections:

273 Biosafety & Lab Safety inspections

29 Radiation Safety inspections

33 IBC Reviews

↑ 70%



17 Active Radioactive Material (RAM) projects

16 Active Radiation Producing Equipment (RPE)

For more information, please follow our link to the Lab Safety [Summary Report](#), Biosafety [Summary Report](#), and the Radiation [Summary Report](#).

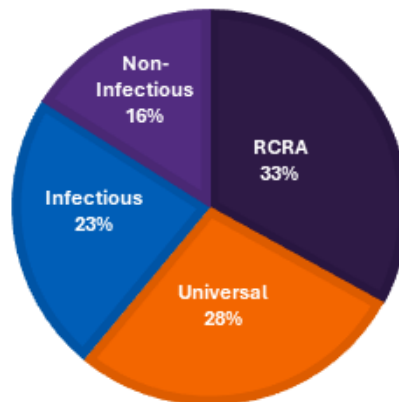




# Environmental Compliance



**MANAGED WASTE ON MAIN CAMPUS:  
TOTAL 118,582 LBS**



2482 Hazardous Waste Online Training Participants  $\uparrow$  35%

14,292 Total waste containers removed by OES  $\uparrow$  36.2%

66 (New Program) Hazmat Transport Services (deliveries)  $\uparrow$  100%

18 Lab Clean-outs

303 SPCC Inspections

31 Small Spill Response Cleanups

For more information, please follow our link to the Environmental Compliance [Summary Report](#).





## Asbestos and Lead

- 30 Asbestos Abatements
- 23 Asbestos Abatement Audits
- 81 Lead Based Paint testing and reports
- 6 Air sampling report reviews

For more information, please follow our link to the Asbestos [Summary Report](#).

## Low Country Safety



- 122 Trainings (various forms)
- 26 Surveys
- ↑ 31%

- 14 Audits
- ↑ 21%
- 49 Consultations



For more information, please follow our link to the Low Country [Summary Report](#).

# Planning for the Year Ahead

For FY 2024-2025 OES has developed 14 Strategic Objectives that align and advance Clemson Elevate, the Division of Finance and Operations Strategic Plan and OES commitment to continuous improvement and exceptional customer service. We will also continue to support the new College of Veterinary Medicine, recommendations from the Occupational Health review and the ClemsonLIFE Hospitality program safety partnership.

