

## Safety and Compliance Checklist for New Research Faculty at Clemson University

Faculty new to Clemson University who will be conducting laboratory research should ensure the following steps are taken prior to beginning lab research activities.

- Schedule a consultation with the Occupational and Environmental Safety (OES) [Chemical and Lab Safety Manger](#). This consultation will focus on:
  - Roles and responsibilities of the Principal Investigator (PI), lab staff, and graduate researchers with regard to safety and compliance.
  - Discussion of lab safety and compliance requirements and infrastructure.
  - Any potential lab renovations or infrastructure modifications needed.
  - Review of PI research operations and associated hazard analysis.
  - Completion of Pre-Operational Safety, Health, and Environment Review ([POSSHER](#)) form.
  - Hazardous waste satellite accumulation area requirements and setup.
- Register the laboratory in [BioRAFT](#) and complete the lab setup including listing lab members, hazards, inventory, etc. The BioRAFT quick start guide will assist in this process.
  - Complete all required safety training as identified by BioRAFT.
  - Ensure lab staff, graduate researchers, and undergraduate researchers complete required training (*Laboratory Safety and Chemical Hygiene* and *Hazardous waste Management Training for labs* at minimum.)
  - Input chemical inventory.
- Review all applicable lab safety / compliance documents to include:
  - [Clemson Chemical Hygiene Plan](#)
  - [OSHA Lab Standard \(29 CFR 1910.1450\)](#)
  - [Clemson Laboratory Safety Manual](#)
  - [Hazardous Materials Management Manual](#)
  - [Biological Safety Manual](#)
  - [Radiation Safety Manual](#)
- Schedule an initial lab inspection of research space following setup / renovation. This is a basic walk-through inspection to help identify any safety or compliance issues and provide guidance on remediation.
- Consult with Department Safety Coordinator to discuss any department-specific safety / compliance requirements