



# Environmental Health & Safety

*Michael Hooks - Director*

## Chemical Purchasing

- **Chemical Safety**
  - **Manage Hazardous Materials on Campus.**
  - **Chemical Inventory that tracks all chemicals being used in campus labs.**
    - EHS Assistant
  - **Begins with the purchase of a chemical.**
  - **That container is tracked “Cradle to Grave”.**
  - **This information is used to ensure:**
    - proper training of lab personnel
    - safe teaching and research
    - waste minimization.

# Environmental Health & Safety

*Chemical Purchasing*



**Environmental Health  
& Safety Assistant**



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*Chemical Purchasing*

- Currently the database contains ~80,000 containers.
- LSU has ~800 laboratories.
- Unused chemicals become waste.
- LSU disposes of ~150,000 pounds of hazardous waste.
- Cost of \$190,000.



# Environmental Health & Safety

*Chemical Purchasing*

- We need your help!
- Current purchasing system doesn't populate the database.
- We now rely on the lab personnel to load in the chemicals.
- Maintaining an accurate inventory in this way is challenging.
- Regulatory Burden
- Federal and state rules require us to accurately report storage of chemicals on an annual basis.



# Environmental Health & Safety

*Chemical Purchasing and Laboratory Closeout Procedures*

- **What can you do?**
  - **Remind faculty to load chemicals into the database.**
  - **EHS can assist if you already have an inventory.**