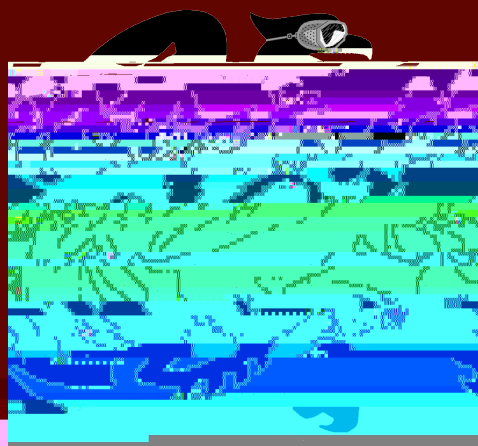


# ENVIRONMENTAL HEALTH & SAFETY

*Thesis Chemistry Safety 2023*



REED COLLEGE

# WE WILL DISCUSS....

- EHS contact
- New/unique research
- Finding hazard information for chemicals you are working with
- Controlling these hazards
- Accidents, injuries, emergency response
- Waste

# CONTACT INFORMATION

email: EHS@reed.edu

**April Sams- Director**  
**she/her**

Physical Plant

Office: 503-777-7788

karra@reed.edu

**Aaron Haddeland-EHS Specialist**  
**he/his**

Physical Plant

Office: 503-517-7931

ahaddeland@reed.edu

# WANT TO DO 'NEW TO REED' STUFF?

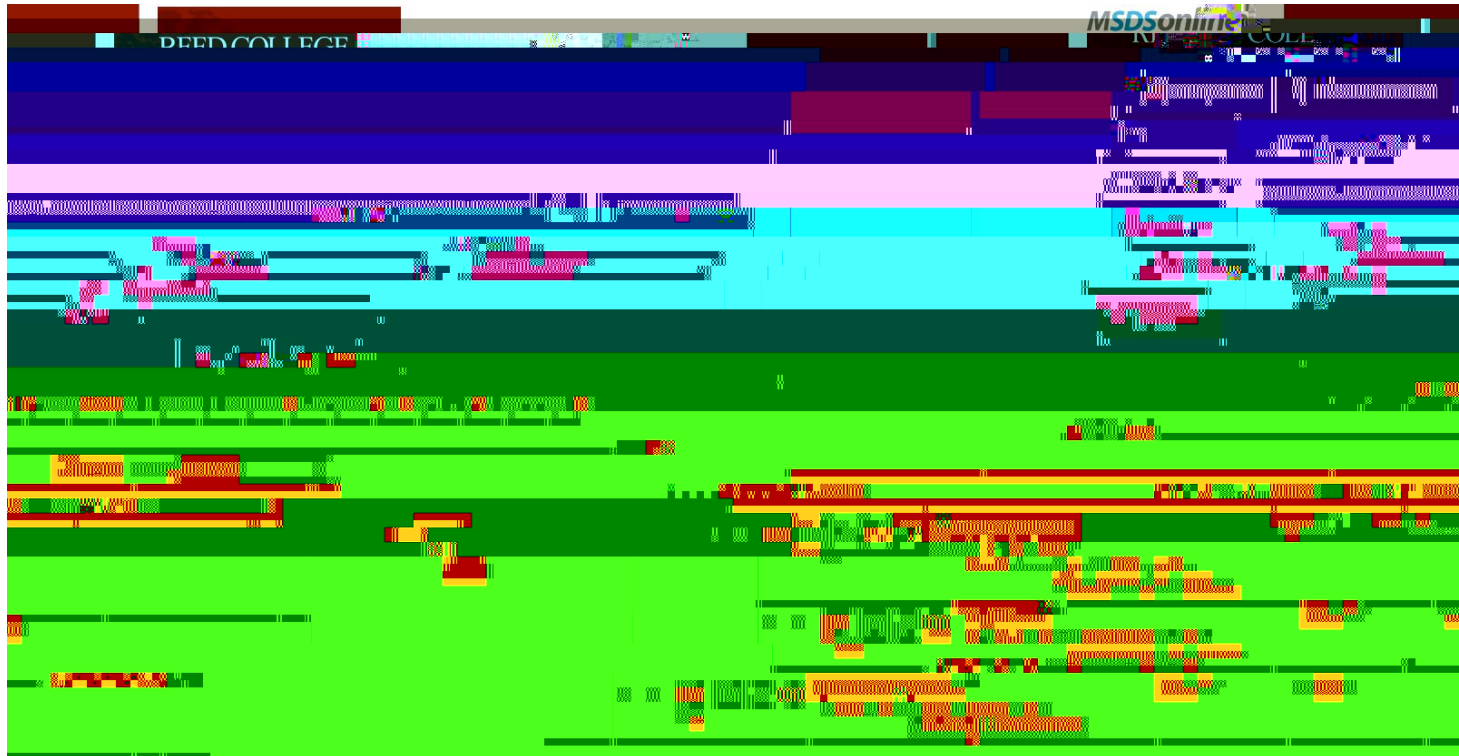
- Talk to your advisor
  - Is this possible given expertise/facility design?
- New to Reed hazards??
  - Reach out to EHS to discuss
    - Hazard control
    - Waste
    - Facility needs
    - Other options

# EXAMPLES OF 'NEW TO REED'

- Human blood/bodily fluids
- Radioactive materials outside of reactor
- High risk group pathogens
- Uncommon recombinant DNA (non-typical lab strains)
- Pyrophoric
- Perchloric acid
- Highly hazardous chemicals

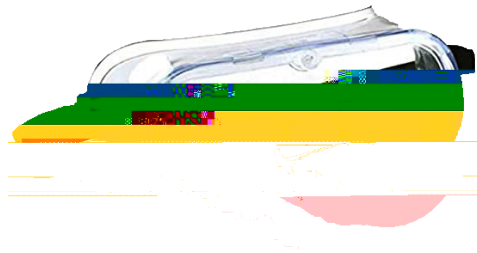
# SAFETY DATA SHEETS (SDSs) AT REED

<https://www.reed.edu/ehs/>



# HAZARD CONTROL

- Laboratory Attire: Long pants, close toed shoes, no skin exposed between pants and socks/shoes
- PPE: gloves, eye protection, lab coat
- Laboratory Hygiene: Do not eat or drink in the lab, change gloves frequently, and wash hands often



# EMERGENCY RESPONSE IN CASE OF INJURY/CHEMICAL



# I'M HURT. NOW WHAT?

