



Education & Outreach Moment

NSF PHASE I CENTER FOR ADAPTING FLAWS INTO FEATURES

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Standard Operating Procedures

SOPs provide consistent, clear, and readily available communication for safe lab practices.



Regular/routine laboratory procedures:

- Common reactions/processes;
- Handling of highly toxic chemicals;
- Procedures involving biological samples;
- Working with water-reactive, pyrophoric, or explosive chemicals; &
- Use of special equipment.

Lab preparedness for emergencies/shutdowns:

- E.g., power outages, extreme weather, working alone/at reduced lab capacity, construction; &
- Develop a system based on the type of emergency and identify priority items.

Make sure documentation and training is regularly updated and easily accessible.

