

# Lab Safety

We take safety very seriously here at UCSD and the Cai Group. Before you start working in the lab, all new members must look over information on [this website](#) carefully, complete [New Laboratory Worker Checklist](#), and complete all safety trainings required by your research:

- Online UC Laboratory Safety Fundamentals in UC Learning Center
- Online Annual Laboratory Hazards Training in UC Learning Center
- Laboratory Hazard Assessment & Lab Specific PPE Training
- Laboratory Ergonomics
- All necessary Use-Specific Training relevant to your research, e.g. Laser Safety Training, Controlled Substances, Biosafety, et al.

(Information will be sent to your registered email account, contact [Gina Torgersen](#) if you don't have one.)

In addition, you must complete a lab-specific safety training guided by the group safety officer [Chi Hyung Ahn](#). Please contact [Chi Hyung Ahn](#) to request lab safety training.

Please make sure to complete all required safety training as soon as possible and read over and sign the [Cai group safety document](#).

[Existing group members must renew all refresher safety trainings timely if applicable.](#)

[Always discuss with and consult Prof. Cai before you start working on any new research project. Take all safety trainings applicable to the new research. DO NOT proceed with any experiments if you have not taken the proper safety trainings.](#)

Moreover, you must always wear the required Personal Protective Equipment (PPE) in the lab, e.g. lab coat (basic or flame resistant), Eye Protection (safety glasses, goggles, UV or laser goggles, etc.), and any other necessary protective equipment. Ask existing lab members if you couldn't find where the PPE is. DO NOT proceed with any experiments if you couldn't find the proper PPE. Shorts and open-toe shoes are not allowed in the lab.

Lab coats and safety glasses are provided by EH&S at PPE fitting office at UC 401. Visit [their webpage](#) for more information.

Assigned facility monitors oversee day-to-day activity for their designated equipment. They are as follows:

- Instron: [Wei Fan](#)
- Optical Microscope: [Chi Hyung Ahn](#)
- Laser pen: [Chi Hyung Ahn](#)
- Chem: [Zhijian Wang](#)
- 3D printing: ....
- Electric spin: [Qiquang He](#)
- ...

If you have safety questions, these individuals are there to help. Moreover, if they comment on your lab practices because they are unsafe, follow their advice. Any additional questions about safety may be directed to [Chi Hyung Ahn](#) and [Prof. Cai](#).