

## Lab Safety for Independent Student Research:

The goal of this document is to address safety concerns with undergraduate students doing research while providing a mechanism by which the research experience can be tailored to the project's exact needs. The primary issues of concern have been one of communication, as well as concerns over emergency procedures in the rare instance that a student is alone when doing research.

### General requirements for student research:

- 1) Students must either be paid for their research or must receive credits.
- 2) Liability waiver must be signed and must include a list of possible hazards.
- 3) A brief description of the project must be provided to the Stockroom manager, the student, the faculty mentor, and the Division Chair. The description should include the following:
  - a. A list of high risk activities for the project that require direct supervision, and which low risk activities do not.
  - b. An emergency contact plan must be in place and should include who students contact for each possible problem (security, stockroom, division chair).
  - c. Any specific chemical needs must be included.
- 4) BSL1 training, if required, must be completed.
- 5) Faculty will provide the necessary training for the project.
- 6) A copy of the injury report, along with directions on how to proceed if there is an injury, needs to be provided to each student.

### Research access requirements:

- 1) High Risk Activities
  - a. Students must be directly supervised at all times, business hours or otherwise, by the research supervisor.
- 2) Low Risk Activities
  - a. Accompanied – Two or more trained research students working at the same time
    - a. Business hours (M-F 8am -8pm) – Salto access required
    - b. After hours/weekends - Access through security, pre-scheduled with stockroom manager, preferably 24 hrs. in advance. Research supervisor must be notified on arrival and departure.
  - b. Unaccompanied
    - a. Business hours – (M-F 8am -8pm) – Salto access required
    - b. After hours/weekends –Must be approved by faculty supervisor, stockroom manager, and Division Chair. Access through security, pre-scheduled with stockroom manager, preferably 24 hrs in advance. Supervisor must be notified on arrival and departure.
- 3) Definition of Risk: The level of risk for various components of a project is determined by agreement between the research supervisor, the stockroom manager, and the Division Chair.
- 4) Access to the organics room will be under direct supervision only.