

The University of the Incarnate Word

Environmental Health Safety and Risk Management

Laboratory Hazard Information for Minors in a Laboratory

Parent/Legal Guardian Consent

Purpose: The purpose of this document is to ensure parents and/or legal guardians are aware of the guidelines set forth by UIW and Environmental Health Safety and Risk Management (EHSRM) with respect to *minors* working in a laboratory setting. We understand *minors* may be inexperienced with the potential hazards in a laboratory environment. Principal investigators, laboratory supervisors, or EHSRM personnel will be involved in training *minors* on laboratory safety and rules. The goal is for *minors* to have a safe, educational and fun research experience.

Note: A minor is an individual who is under the age of 18

Definitions:

Minor: an individual under the age of 18

Principal Investigator (PI) / Lab supervisor: individual in charge of laboratory who is responsible for directing activities and overseeing minors are abiding to laboratory rules

Laboratory environment: area or rooms where hazardous chemicals, biological and radioactive materials may be stored and handled.

Personal protective equipment (PPE): used to minimize exposure to various hazards (e.g. gloves, lab coats, goggles)

Carcinogen: a substance or agent that can cause cancer

Pathogenic: what is causing or capable of causing a disease

The following are basic rules for minors working in a laboratory:

- Always follow the instructions given by laboratory supervisor, principal investigator (PI), or individual giving authority designated by lab supervisor or PI
- Always wear appropriate PPE (personal protective equipment). PPE may be goggles, gloves, lab coats, etc.
- Always wear closed-toe shoes in a laboratory
- Never eat, drink or chew gum in a laboratory
- Never work alone without the direct supervision of laboratory supervisor

The Fair Labor Standards Act (FLSA) prohibits minors working with the following:

- Handling, storing, or working near potentially explosive chemicals
- Performing motor vehicle driving or deliveries
- Handling, using, or operating power-driven woodworking machines
- Operating power-driven hoisting apparatus (sky lifts or forklifts)
- Operating power-driven metal-forming or punching machines

- Operating power-driven slicing, packaging, or shearing equipment
- Operating power-driven paper baling machines or compactors
- Handling, using, or operating power-driven circular saws, bandsaws, bonesaws, trimmers, or shears
- Working in a laboratory that manipulates active pathogenic agents of childhood disease
- Handling or using Class I carcinogen
- Handling or using Class II-V carcinogen
- Working in a Biosafety Level 3 laboratory
- Handling or use highly toxic chemicals (e.g. LD₅₀<0.1 mg/kg)
- Working with research animals

Signing this form indicates acknowledgement of the following information listed. The potential hazards in the project area assigned to the minor have been explained above and any necessary safety precautions will be taken to prevent exposure to hazardous conditions or agents.

Name of Minor: _____

Department/Division: _____ Building/Room #: _____

PI/Lab Supervisor: _____ PI/Lab Supervisor: _____

Start Date: _____ End Date: _____

Classification of Minor (circle): EMPLOYEE STUDENT VISITOR OTHER: _____

Environmental Health Safety and Risk Management Review (*completed by EHSRM only*)

Has project been approved by EHSRM (circle): YES NO

If no. Why?

Comments?

EHSRM representative signature: _____