# Risk Assessment Form (3)

**Must be completed before experimentation.**

Student's Name(s) Raheem Sheikh

Title of Project Analysis of the Effect of the Herbicide, Glyphosate, on Parkinson's Disease Related Gene Expression in Caenorhabditis elegans and Drosophila melanogaster

**To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist:**
(All questions must be answered; additional page(s) may be attached.)

1. List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).

   Glyphosphate

2. Identify and assess the risks involved in this project.

   The risks are minimal, the student will be using glyphosphate at concentrations equivallent to those found in the weed killer Roundup.

3. Describe the safety precautions and procedures that will be used to reduce the risks.

   Work in the hood and use of gloves.

4. Describe the disposal procedures that will be used (when applicable).

   Disposal will be done acording to University Chemical Hygene protocols

5. List the source(s) of safety information.

   Material safety sheet obtained from the manufacturer

**To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):**
I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and will provide direct supervision.

| Theodore Brummel | Ted Brummel | |
|---|---|---|
| Designated Supervisor's Printed Name | Signature | Date of Review (mm/dd/yy) |

| Associate professor of Biology | tbrummel@liu.edu |
|---|---|
| Position & Institution | Phone or email contact information |

Ph.D. Molecular Genetics over 14 years of training and mentoring students
Experience/Training as relates to the student's area of research