

Qualified Scientist Form (2)

May be required for research involving human participants, vertebrate animals, potentially hazardous biological agents, and hazardous substances and devices. Must be completed and signed before the start of student 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 Qualified Scientist:

Scientist Name: Theodore Brummel

Educational Background: Ph.D. Molecular Genetics

Degree(s): B.S. Bio Ph.D.

Experience/Training as relates to the student's area of

research: I have trained more than 50 students over the last 14 years

Associate Professor of Biology

Position:

LIU Post

Institution:

720 Northern Blvd

Address:

tbrummel@liu.edu

Email/Phone:

1. Have you reviewed the ISEF rules relevant to this project?

☒ Yes

☐ No

2. Will any of the following be used?

a. Human participants

☐ Yes

☒ No

b. Vertebrate animals

☐ Yes

☒ No

c. Potentially hazardous biological agents (microorganisms, rDNA and tissues, including blood and blood products)

☐ Yes

☒ No

d. Hazardous substances and devices

☐ Yes

☒ No

3. Will this study be a sub-set of a larger study?

☐ Yes

☒ No

4. Will you directly supervise the student?

☒ Yes

☐ No

a. If no, who will directly supervise and serve as the Designated Supervisor?

b. Experience/Training of the Designated Supervisor:

To be completed by the Qualified Scientist:

I certify that I have reviewed and approved the Research Plan/Project Summary prior to the start of the experimentation. If the student or Designated Supervisor is not trained in the necessary procedures, I will ensure her/his training. I will provide advice and supervision during the research. I have a working knowledge of the techniques to be used by the student in the Research Plan/Project Summary. I understand that a Designated Supervisor is required when the student is not conducting experimentation under my direct supervision.

Theodore Brummel

Qualified Scientist's Printed Name

Ted Brummel

Signature

01/28/2020

Date of Approval (mm/dd/yy)

To be completed by the Designated Supervisor when the Qualified Scientist cannot directly supervise.

I certify that I have reviewed the Research Plan/Project Summary and have been trained in the techniques to be used by this student, and I will provide direct supervision.

Designated Supervisor's Printed Name

Signature

Date of Approval (mm/dd/yy)

Phone

Email