

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) Madeline Competello

Title of Project The Use of 51 TITAN Model 600/800 GeoExploration Check X-Ray Gun in Analyzing Pb, Cr, Zn, As, Cu, and Cd concentrations in Long Island Elementary Schools and Public Parks's Soil

To be completed by the Qualified Scientist:

Scientist Name: David Nadler

Educational Background: Environmental Technology; Health Science

Degree(s): M.S., Ph.D.

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

The Qualified Scientist is the current director of the BioEnvironmental Laboratory at New York Institute of Technology. His research includes the bioremediation and phytoremediation of toxic compounds and emerging contaminants.

Position: Chair

Institution: New York Institute of Technology

Address: Old Westbury, NY

Email/Phone: dnadler@nyit.edu

- 1) Have you reviewed the Intel ISEF rules relevant to this project? ☒ Yes ☐ No
2. Will any of the following be used?
- | | | |
|---|---|--|
| a. Human participants | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| b. Vertebrate animals | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| c. Potentially hazardous biological agents (microorganisms, rDNA and tissues, including blood and blood products) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| d. Hazardous substances and devices | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> 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.

David Nadler

Qualified Scientist's Printed Name

David Nadler

6/27/19

Signature

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