

Regulated Research Institutional/Industrial Setting Form (1C)

This form must be completed AFTER experimentation by the adult supervising the student research conducted in a regulated research institution, industrial setting or any work site other than home, school or field.

Student's Name(s) Victoria McGuigan

Title of Project Attachment of CdSeTe/ZnS quantum dots to alginate biomaterial for non-invasive detection of gel implants

To be completed by the Supervising Adult in the Setting (NOT the Student(s)) after experimentation:

(Responses must be on the form as it is required to be displayed at student's project booth; please do not print double-sided.)

The student(s) conducted research at my work site:

1. Did you or your proxy (e.g. graduate student, postdoc, employee) mentor or provide substantial guidance to the student researcher? ☒ Yes ☐ No
 - a. If no, describe your and/or your institution's role with the student researcher and his/her project (e.g. supervised use of equipment on site without ongoing mentorship and sign below.
 - b. If yes, complete questions 2 –5.
2. Is the student's research project a subset of your ongoing research or work? ☐ Yes ☒ No

Use questions 3, 4 and 5 to detail how the student's project was similar and/or different from ongoing research or work at your site.
3. Describe the independence and creativity with which the student:
 - a. developed the hypotheses or engineering goals for the research project

I guided her develop the study hypothesis and she participated in the thought process.
 - b. designed the methodology for his/her research project

She helped in improving the methods implemented in her project.
 - c. analyzed and interpreted data

After initially showing her the process of analyzing and interpreting data, she was able to independently completed all data analysis.

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Regulated Research Institutional/Industrial Setting Form (1C) Continued

Student's Name(s) Victoria McGuigan

4. Detail the student's role in conducting the research (e.g. data collection, specific procedures performed). Differentiate what the student observed and what the student actually did.

She was very actively involved in all aspects of her research and conducted all experiments on her own with my guidance.

5. Did the student(s) work on the project as part of a group?
If yes, how many individuals were in the group and who were they (e.g. high school students, graduate students, faculty, professional researchers)?

☐ Yes ☒ No

I attest that the student has conducted the work as indicated above and that any required review and approval by institutional regulatory board (IRB/IACUC/IBC) has been obtained. Copies are attached if applicable.
I further acknowledge that the student will be presenting this work publicly in competition and I have communicated with the student research regarding any requirements for my review and/or restrictions of what is publicized.

Roche de Guzman

Supervising Adult's Printed Name

Hofstra University

Institution

Hempstead, NY

Address

Roche de Guzman Digitally signed by Roche de Guzman
Date: 2020.01.06 12:56:39 +08'00'

Signature

Assistant Professor

Title

1/6/2020

Date Signed (must be after experimentation) (mm/dd/yy)

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