

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) Nistha Boghra

Title of Project Gray Matter Changes in Cerebral Development

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

The student worked on open-source data. However, the specific engineering goals for project hypothesis were determined by the student.
 - b. designed the methodology for his/her research project

Specific analysis pipeline was designed by the student.
 - c. analyzed and interpreted data

The student was entirely responsible for analyzing and interpreting the outputs for this project

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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.

The student:

- i) performed exhaustive literature search
- ii) identified the key questions to ask of this data
- iii) taught self to analyze two different neuroimaging analysis software
- iv) performed statistical tests independently and made inferences
- v) tabulated results and generated intuitive easy-to-interpret plots

5. Did the student(s) work on the project as part of a group?

☒ Yes

☐ No

If yes, how many individuals were in the group and who were they (e.g. high school students, graduate students, faculty, professional researchers)?

Student + 1 PhD student

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.

Sindhuja Tirumalai Govindarajan

NY

PhD Candidate

Supervising Adult's Printed Name

Signature

Title

Stony Brook University

01/08/2020

Institution

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

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Address

Email/Phone