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) Anushka Rajagopalan					
Title of Project	Determining the influence of stent deployment on thrombus formation in nationt-specific				
	the Supervising Adult in the Setting (NOT the Student(s)) after exp on the form as it is required to be displayed at student's project booth; please d		sided.)		
 Did you or your pr substantial guidan a. If no, describe 	ted research at my work site: roxy (e.g. graduate student, postdoc, employee) mentor or provide roce to the student researcher? ryour and/or your institution's role with the student researcher and t (e.g. supervised use of equipment on site without ongoing mentorship v.	☑ Yes	□ No		
b. If yes, complet	te questions 2 –5.				
Use questions 3, 4	search project a subset of your ongoing research or work? and 5 to detail how the student's project was similar and/or going research or work at your site.	□ Yes	☑ No		
3. Describe the independence and creativity with which the student: a. developed the hypotheses or engineering goals for the research project he original concept was a side-project I wanted to include with my research, nawers the loal/methodology was further developed with discussions/brainstaming sessions with the student, he was able to find resources/articles to refine the methodology and was able to tailor he goals to address relevant medical concerns. Her constitution was to incorporate the patient pecific models since the idealized models did not result in any notable deposits in the nitial testing, she has an excellent research thought process/able to redirect the research. b. designed the methodology for his/her research project mis was entirely ner contribution, she researched older manuscripts attempting similar procedures and developed, through this of and error, the methodology, clothing enzy mes, ratios, constant emperature and adaptation are an older near model we had in the lab was her contribution, ine was very independent, pata collection was limited the to sarrety inside or x-ray imaging, towerer, she contributed the idea or a fixed placeholder for the samples in or data analysis.					
c. analyzed and i	interpreted data				
ly Anushka. I install the data. Anu tomeration between	and direction on the advanced software we needed occurre to process the initial proof-of-concert in which he on the use of a script to process imagishing drew the conclusions of the study, she determined about the coefficity. She exquation of the leaset motion after the initial her he argument. (Continued on next page)	es and she r ined a linear also presse	tomined rocassed d for		

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

Stud	ent's	Man	'ع امد
วนนน	CIII. S	INAL	1612

Address

Anushka Rajagopalan

- 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. I guided her with the same level of mentorship I have provided to undergrad and junior grad students in the lab. I taught her basic laboratory and engineering skills, allowing her to develop and refine a methodology for the research. She conducted the experiments and processed the data. She was able to conduct the clotting experiments, develop the methodology, prepare and clean the equipment, run the code/software, and interpret the data. She also ran the left heart simulator for the high speed camera images. I had to acquire the CT images of the post-experiment models (safety risk) and I wrote the code to process the images; this contributed to the significant portion of the research which she observed. I was very pleased that she was able to do most of the research independently.
- 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)?

Email/Phone

I attest that the student has conducted the work as indicated above and that any institutional regulatory board (IRB/IACUC/IBC) has been obtained. Copies are a I further acknowledge that the student will be presenting this work publicly in constudent research regarding any requirements for my review and/or restrictions of the student research regarding any requirements.	ttached if applicable. ompetition and I have communicated with the	
Brandon Kovarovic	PhD Candidate	
Supervising Adult's Printed Name Signature Biomedical Engineering Laboratory, Stony Brook Hospital	Title 11/02/19	
Institution 101 Nicolls Road, Stony Brook, NY	Date Signed (must be after experi- mentation) (mm/dd/yy) 9147032649	