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)   Jeannie Ren

Title of Project   Detecting Nodular Basal Cell Carcinoma Using Deep Learning Image Segmentation

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 proposed the engineering goals but she made changes depending on what was necessary after we discussed during our periodic meetings.

   b. designed the methodology for his/her research project

   > Jeannie shaped the methodology by determining what was possible given the dataset she collected.

   c. analyzed and interpreted data

   > Jeannie created the MATLAB code to process the data and helped adapt the U-Net to read pathology images of BCC.

(Continued on next page)

Risk Assessment Form (3)
Must be completed before experimentation.

Student's Name(s)   Jeannie Ren

Title of Project   Detecting Nodular Basal Cell Carcinoma Using Deep Learning Image Segmentation

To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist:
(All questions must be answered; additional page(s) may be attached.)

1. List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).

   N/A

2. Identify and assess the risks involved in this project.

   Eye strain due to prolonged computer use.

3. Describe the safety precautions and procedures that will be used to reduce the risks.

   Periodic breaks were taken to minimize eye strain.

4. Describe the disposal procedures that will be used (when applicable).

   N/A

5. List the source(s) of safety information.

   N/A

To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):
I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and will provide direct supervision.

Daniel S. Gareau

Designated Supervisor's Printed Name	Signature	Date of Review (mm/dd/yy) 06/23/19

Clinical Investigator, Rockefeller University

Position & Institution

daniel.gareau@rockefeller.edu

Phone or email contact information

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