

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) Riya Patel

Title of Project Characterization and Performance of Next Generation Ultrafiltration Fouling-Resistant Polymeric and Lyocell Cellulose Nanofiber Wastewater Treatment Membranes

To be completed by the Qualified Scientist:

Scientist Name: Benjamin Hsiao

Educational Background: Chemistry

Degree(s): PhD

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

Extensive experience in cellulose nanomaterials, water purification, and membrane technology with 20 years of experience mentoring graduate, undergraduate and high school researchers.

Distinguished Professor

Stony Brook University

Position:

Institution:

Chemistry Department, SBU

benjamin.hsiao@stonybrook.edu

Address:

Email/Phone:

1. Have you reviewed the ISEF rules relevant to this project? ☒ Yes ☐ No
2. Will any of the following be used?
 - a. Human participants ☐ Yes ☒ No
 - b. Vertebrate animals ☐ Yes ☒ No
 - c. Potentially hazardous biological agents (microorganisms, rDNA and tissues, including blood and blood products) ☐ Yes ☒ No
 - d. Hazardous substances and devices ☐ Yes ☒ 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? Mengying Yang
 - b. Experience/Training of the Designated Supervisor:
Mengying Yang is a 5th year PhD student in my lab.

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.

Benjamin Hsiao

Qualified Scientist's Printed Name

Benjamin Hsiao
Signature

6/25/19

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.

Mengying Yang

Designated Supervisor's Printed Name

Mengying Yang
Signature

6/25/19

Date of Approval (mm/dd/yy)

(631) 428-8702

Phone

mengying.yang@stonybrook.edu

Email