Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Fahad Karim

Title of Project Integrated Optical Setups for Characterizing and Stabilizing Polarization States of Light

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).

   - Toptica TA Pro 795 nm diode laser (High Power; up to 4 W; 660-1495 nm)

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

   The laser may be unstable and can cause eye impairments if deliberately stared at.

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

   The student will not turn on the laser source and will wear goggles inside the laboratory.

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

   Not Applicable: No disposal of any materials.

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

   https://www.osha.gov/SLTC/laserhazards/index.html
   https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3799025/

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.

Youngshin Kim	김영신	Digitally signed by Youngshin Kim Date: 06-20-2019 4:22 PM	06/20/19
Designated Supervisor's Printed Name	Signature		Date of Review (mm/dd/yy)

PhD Student/Stony Brook University	(734) 355-4252/youngshin.kim1@stonybrook.edu
Position & Institution	Phone or email contact information

Certified for laboratory practices by Stony Brook University; B.S. and M.A. degrees in Physics

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