

TCRSF OFFICIAL ABSTRACT and CERTIFICATION

How Bright Is Your Light

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My project is about how temperature effects luminosity in glow sticks. I put hot, cold or no water in a bottle and then I crack the glow stick and put it in the bottle, then I screw on the lid. I record the intensity of the glow stick with a photo resister that is attached to the lid of the bottle. I record the intensity of the glow stick once per minute for fifteen minutes. then I switch the water out and I switch the glow stick with a new one and crack it again. then I put the glow stick in the bottle and then I repeated the process for each temperature of water three more times.

Category
Pick one only—
mark an "X" in box
at right

- Animal Sciences
- Behavioral & Social Sciences
- Biochemistry
- Biomedical & Health Sciences
- Biomedical Engineering
- Cellular & Molecular Biology
- Chemistry
- Computational Biology & Bioinformatics
- Earth & Environmental Sciences
- Embedded Systems
- Energy: Chemical
- Energy: Physical
- Engineering Mechanics
- Environmental Engineering
- Materials Science
- Mathematics
- Microbiology
- Physics & Astronomy
- Plant Sciences
- Robotics & Intelligent Machines
- Systems Software
- Translational Medical Sciences

1. As a part of this research project, the student directly handled, manipulated, or interacted with (check ALL that apply):
 - human participants potentially hazardous biological agents
 - vertebrate animals microorganisms rDNA tissue
2. I/we worked or used equipment in a regulated research institution or industrial setting: Yes No
3. This project is a continuation of previous research Yes No
4. Word Count: 118