



ST. JOHN'S
UNIVERSITY

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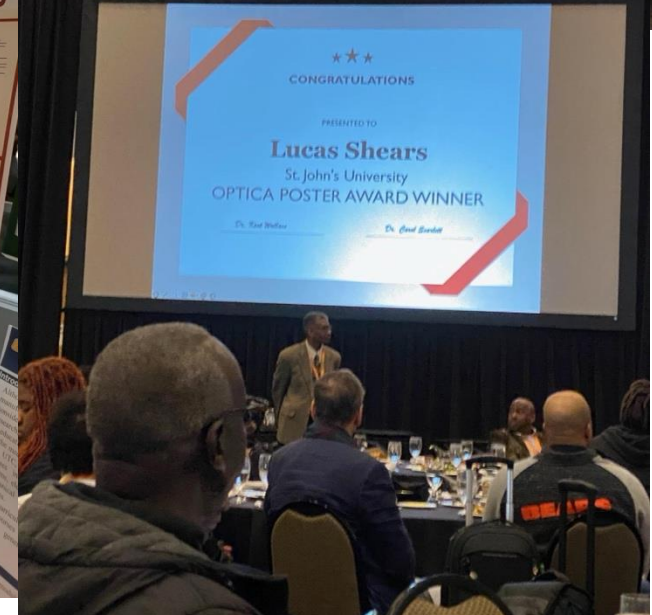
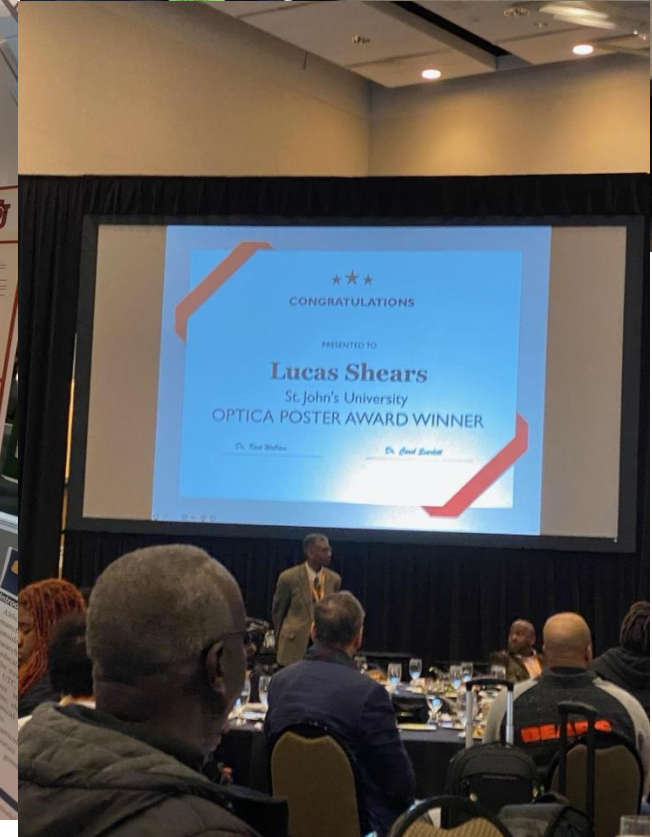
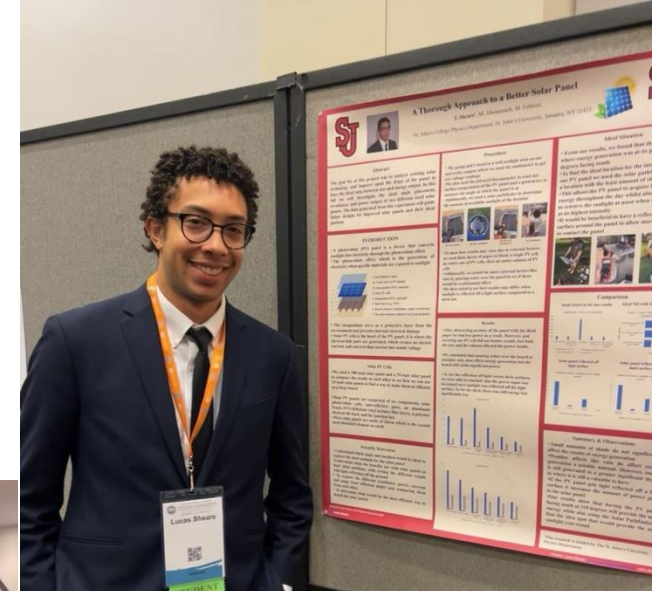
- Funding Duration
 - Spring 2024
 - Fall 2024
 - Spring 2025

The funds were used for a number of impactful initiatives, including:

- 1.Supporting student and mentor travel to the RE+ conference**
- 2.Acquiring four renewable energy windmill lab kits from Arbor Scientific.**
- 3.Purchasing handheld anemometers to study wind speeds.**
- 4.Purchasing a 400W full-sized windmill.**
- 5.Purchasing a 3D printer for student experimentation and prototyping.**

1. Supporting student travel to present their research on renewable energy.

- NSBP conference in November 2023
- NSBP 20nfrece November 2025
- Big East Science Conference Madison Square Garden 2024
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- RE+ 2024 in Minnesota
- DWEA 2025 in Arlington , VA
- St Johns Science conference 2024
- St Johns Science conference 2025
- CUNY Science conference 2025





- ❖ Renewable energy Workshops
 - Madison, WI summer 2024
 - Charleston, NC summer 2024
- ❖ Utilizing student-created designs to 3D print windmills with higher power outputs.
- ❖ Supporting the publication of a book detailing the experiments and findings from the course, which will be published by LAP Publisher.
- ❖ Gathering the tools to building a competitive wind tunnel to test student-designed windmill prototypes.
- ❖ Purchasing four additional windmill lab kits to accommodate the increased enrollment in our renewable energy course.

Goals

- Deepen our students' understanding of renewable energy technology
- Foster collaboration and innovation within the field.
- Inspiring the next generation of renewable energy engineers.



Questions??

