



Empowering Health and Sustainability: Integrating Black-Owned Solar Solutions in the Healthcare Sector

SUMMER GRADUATE STUDENT RESEARCH ASSISTANT INTERNSHIPS

June thru July 2025

THE
KRESGE
FOUNDATION



B.O.S.S.

Black Owners of Solar Services

Black-Owned Solar Solutions



B.O.S.S. leads innovation, strengthens capacity, and champions equitable opportunities for underrepresented businesses, organizations, and communities in the renewable and clean energy sectors.

Our vision is to empower and uplift communities by fostering innovation, facilitating knowledge sharing, and advocating for equitable access to renewable and clean technologies.

Program Description

The B.O.S.S. (Black-Owned Solar Solutions) Empowering Health and Sustainability Project **SEEKS TALENTED GRADUATE STUDENTS** to support our innovative initiative exploring the integration of Black-owned solar energy solutions into hospitals serving communities across the US. This comprehensive internship program offers hands-on experience in renewable energy, healthcare sustainability, economic analysis, case study development, and community engagement.

Interns will work directly with project leaders, technical consultants, and diverse stakeholders while gaining valuable skills in project management, research, stakeholder engagement, and technical analysis. The program includes **TWO FULL-TIME SUMMER POSITIONS**, each with a unique focus area aligned with project needs and timeline.



Internship Program Benefits

MEANINGFUL WORK

contributing to health equity, sustainability, and economic opportunity

HANDS-ON EXPERIENCE

working with hospitals, renewable energy businesses, and community partners

PROFESSIONAL NETWORKING

with leaders in healthcare, renewable energy, and community development

SKILL DEVELOPMENT

in research, economic analysis, stakeholder engagement, and technical assessment

FINANCIAL SUPPORT

through competitive stipends

ACADEMIC CREDIT

possibility (arrangements made with academic institutions if available)

MENTORSHIP

from project leaders and technical consultants in various fields

CAREER DEVELOPMENT

opportunities in growing sectors of renewable energy and healthcare sustainability

Internship Position A: Research & Assessment Specialist

Duration:
32 hours/week
June thru July 2025 (8 wks)

POSITION SUMMARY	KEY RESPONSIBILITIES	QUALIFICATIONS
The Research & Assessment Specialist will support the project's foundation-building activities and hospital needs assessment phases. This role involves conducting literature reviews, supporting stakeholder mapping, developing assessment methodologies, and participating in data collection and analysis for hospital energy assessment.	<ul style="list-style-type: none">• Conduct comprehensive literature review on hospital energy systems, solar integration, and energy equity• Support stakeholder mapping and relationship-building documentation• Assist in developing standardized assessment methodology for hospital energy evaluation• Participate in hospital site visits and energy audits alongside technical experts• Compile and organize energy usage data from participating hospitals• Analyze energy patterns to identify common needs and vulnerabilities• Document hospital decision-making structures related to energy procurement• Support the development of preliminary case study outlines• Assist in organizing and documenting stakeholder meetings• Prepare research summaries and contribute to assessment reports	<ul style="list-style-type: none">• Current graduate student in engineering, public health, sustainability, urban planning, or related field• Strong research and analytical skills• Experience with data collection and analysis• Excellent written and verbal communication• Interest in renewable energy and healthcare sustainability• Ability to work effectively with diverse stakeholders

IDEAL CANDIDATE PROFILE

The ideal candidate for this position is a methodical researcher with strong analytical skills and attention to detail. They thrive in structured environments but remain adaptable to changing priorities. They possess technical aptitude combined with excellent communication skills, allowing them to translate complex energy data into accessible insights. Their empathetic approach and cultural competence enable productive engagement with diverse stakeholders during site visits and interviews. This person is intrinsically motivated by environmental justice and healthcare equity issues, bringing passion along with their technical capabilities.

Internship Position B: Economic & Finance Analyst

Duration:
32 hours/week
June thru July 2025 (8 wks)

POSITION SUMMARY

The Economic & Finance Analyst will focus on the economic dimensions of hospital solar integration, including energy cost analysis, financial model development, and economic impact assessment. This role involves analyzing financial data, developing ROI models, researching financing mechanisms, and documenting economic barriers and opportunities.

KEY RESPONSIBILITIES

- Analyze hospital energy expenditures and budget constraints
- Develop comparative cost analyses between grid electricity and solar alternatives
- Research existing financing mechanisms for healthcare sustainability projects
- Support the development of ROI models for different implementation scenarios
- Document financial decision-making processes within hospital systems
- Assist in organizing Financial & Policy Forum sessions
- Identify economic barriers to renewable energy adoption in healthcare settings
- Research potential incentives and policy supports for implementation
- Support preliminary economic impact analysis for workforce development
- Contribute to financial sections of case study documentation

QUALIFICATIONS

- Current graduate student in economics, finance, public policy, business, or related field
- Strong quantitative analysis skills
- Familiarity with financial modeling and ROI analysis
- Experience with data visualization and presentation
- Knowledge of renewable energy economics (preferred)
- Understanding of healthcare finance systems (preferred)
- Excellent written and verbal communication

IDEAL CANDIDATE PROFILE

The ideal candidate for this position is a financially astute analyst with strong quantitative skills and business acumen. They excel at translating complex financial concepts into practical insights and compelling visualizations. This person combines analytical rigor with creative thinking, particularly when developing innovative financing models. They possess the interpersonal savvy to engage effectively with hospital financial officers and renewable energy businesses, navigating different organizational cultures with ease. The candidate brings genuine curiosity about the intersection of renewable energy economics, healthcare finance, and community wealth-building, along with a commitment to economic equity principles.

Internship Details

All positions pay \$25/hour

Required Materials:

Resume/CV

Cover letter indicating position preference and qualifications

Academic transcript (unofficial acceptable)

To Apply:

Submit all application materials as a single PDF file to
camillepollan@blacksolar.org with the subject line

"B.O.S.S. Empowering Health and Sustainability Project Internship -
[Internship Position:____]"

The B.O.S.S. Empowering Health and Sustainability Project is committed to building a diverse and inclusive team. We strongly encourage applications from candidates of color, candidates from underrepresented backgrounds, and candidates from the communities we serve.



Thank You!