

Hidden No More: Shedding Light on Science Stories in the Shadows

Award #1906686

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<https://moreheadplanetarium.org/program/special-initiatives-programs/hidden-no-more/>

Project Description

To convey science concepts by highlighting contributions of BIPOC scientists, past and present, to our understanding of light.

Key Achievements

- Developed VR experiences, digital shorts and related interactives for 4 of our 6 BIPOC scientists & distributed to 10 sites across U.S.
- Research revealed importance of coherence of experiences to connect the scientists and their work.

Audience & Settings

Audience: Early adolescents and their families

Disciplinary area: Physics, Education & Learning Sciences

Learning environment: Science Centers, Libraries, Teen Science Cafes

Access and Inclusion

The project highlights the work of historical and contemporary scientists from marginalized communities. Target audience for the deliverables are early adolescents from these communities and their families.



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HIDDEN NO MORE

Phase I Scientists



Kamāl al-Dīn al-Fārīsī



Mercedes López-Morales

Phase II Scientists



Lewis Latimer



Hakeem Oluseyi



Phase I Activities

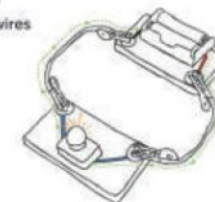


Can you make a circuit?

A **circuit** is a circular path that allows electricity to flow through it. Conductors carry the energy from a power source to the **load**, which can be a light or motor.

A circuit needs a few things to work:

- a current source
- conductors, or wires
- a load block



Once you've made a circuit with those parts, see if you can add a switch block. A **switch** is something that can be opened or closed, allowing the electricity to flow through the circuit or cutting it off.



Phase II Activities Prototyping

