# Brite Application Webinar

November 8, 2023

# NGCP Vision

The vision of the National Girls Collaborative Project is to **support and create STEM experiences that are as diverse as the world we live in**.

# Our Goals

## Connect + Create + Collaborate

**1**

**Build and sustain a network** of advocates to provide equitable and inclusive STEM opportunities.

**2**

**Catalyze equity in STEM** from research to practice by providing actionable knowledge that transforms the STEM experience.

**3**

**Increase our collective impact** by strengthening organizational effectiveness and enhancing our fiscal sustainability.

# NGCP Activities

- Network Partnerships
- IF/THEN Collection
- Youth Advisory Board
- State Leadership Teams

# National Webinars

- Offered monthly on topics to help our networks grow and thrive
- Speakers include educators, researchers, authors, and diverse STEM professionals
- Sign up: https://www.ngcproject.org/events-announcements

*"I have gotten more out of this than the dozens of other presentations I have attended this summer."*

*"I found this useful and enjoyable."*

*"I really like all the resources placed in the chat that I can go and flip through to find what is most helpful to my organization"*

# NGCP Newsletter

- National in-person and online events
- STEM resources for engaging girls and youth, professional development opportunities for educators, and opportunities for youth
- Research and reports related to STEM and equity, informal STEM education and learning
- NGCP updates and events, including webinars, knowledge products, and tools

# Webinar Goals

- To learn about the core elements of BRITE and the support provided for participating programs
- To learn from the experiences of a current Brite educator
- To gain knowledge of the grant requirements for participation
- To hear and address your questions and concerns

NSF #2215138

# BRITE Girls Online STEM Practices: Building Relevance and Identity to Transform Experiences

- National Science Foundation Advancing Informal Science Learning Research in Service to Practice project
- Examine the STEM identity development of girls of color via an online learning community
- Refine/test three approaches on girls' STEM identity formation in an online community: Community building, hands-on activities, learning with women role models
- Research-based, tested *Brite Practices,* a transformative toolkit for fostering girls' identification and long-term participation in STEM

# Program Overview

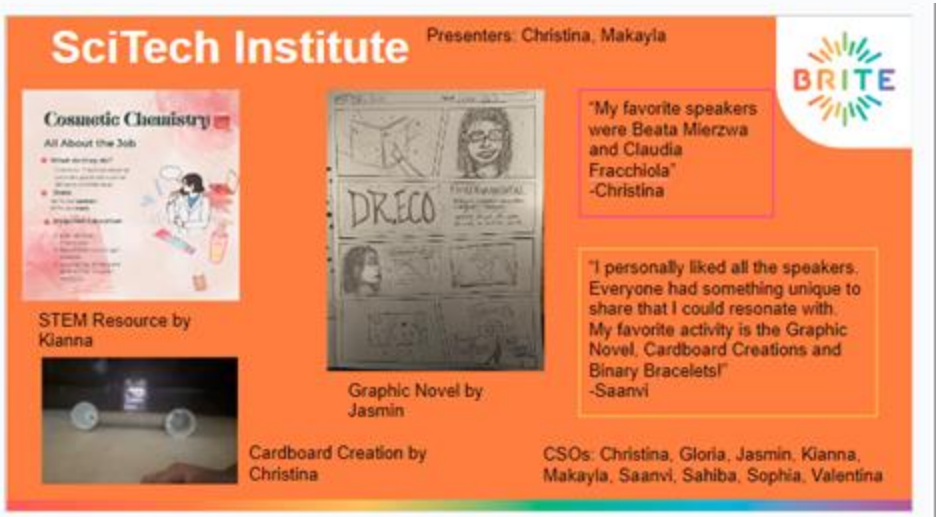
- Online program for self-identifying girls, ages 13-16
- **July 15-August 1, 2024.** Three weeks, Monday - Thursday, 3 hours each day
- Interdisciplinary themes related to computer science, engineering, and physical sciences
- Employ three approaches:
  1. **Community building:** Small group discussions
  2. **Hands-on activities:** Authentic learning with real-world application
  3. **Role models:** Interaction with diverse women STEM professionals

**Brite Platform is a launching pad for small group discussions, hands-on activities, and role model talks**

# SciTech Institute's Chief Science Officers Program

BRITE Program Facilitation:

- 9 CSOs
- Representing: Arizona, California, Michigan, Georgia, India, and Mexico
- Age Range: 14-17
- Online: Live and Recorded Sessions



# SciTech Institute's Chief Science Officers Program

BRITE CSOs:

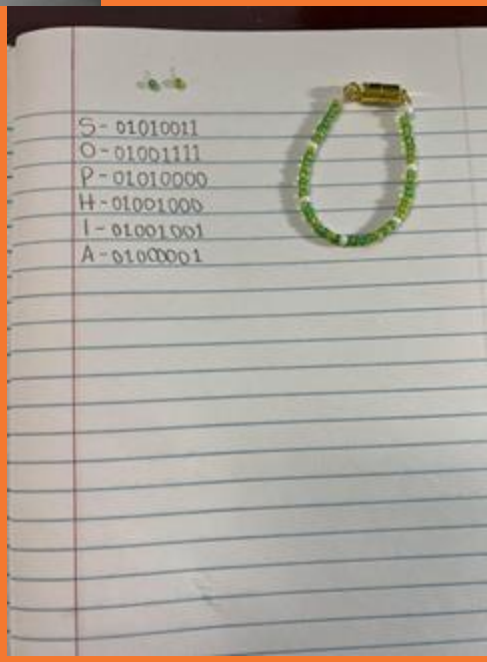
- Recruitment
- Program Uniques: STEM Identity, Technology Use, Age,
- Feedback from Girls

# SciTech Institute

Presenters: Jasmin and Saanvi

Collaborative

Informative



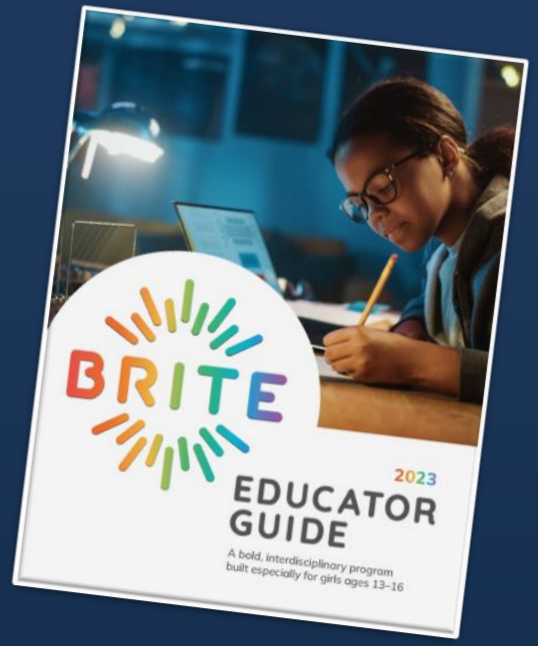
Motivational

CSOs: Christina, Gloria, Jasmin, Kianna, Makayla, Saanvi, Sahiba, Sophia, Valentina
Educator: Eileen

STEM-tastic!

# Support to Programs

- $2,000 to support participation
- Educator Guide: The day-to-day facilitation guide, schedule, and resources
- Educator training and program preparation meetings
- Access to customized online platform
- Supplies for hands-on activities in the Educator Guide
- Marketing materials to support recruitment
- Technology support: Apply for tablets to support girls without access



BRITE

FLORIDA STATE UNIVERSITY 1851

National Girls Collaborative Project NGCP

SJLR Solutions

SMARTgirlsHQ

# Program Requirements

## Recruitment

- Recruit a minimum of 10 self-identifying girls ages 13-16
- Focus on girls from historically excluded groups

## Coordination and Facilitation

- Facilitate day-to-day programming for your group of girls
- To ensure a minimum of 1 staff member attends all trainings
- Distribute, track, and provide signed media releases
- Provide educator contact information

## Technology

- Ensure participant access to a 1:1 device and technical support for devices
- Help girls create accounts for the online platform

# Research Study Requirements

## To support girls' participation in the research study:

- Distribute, track, and provide signed permissions for girls' participation in the research study before July 2024: Parent consent and girl assent
- Ensure girls' participation in pre-survey, post-survey at the end of each week, and a follow-up survey 6-12 months after the program
- Ensure girls' participation in observations and focus groups/interviews as requested by the research team

# Evaluation Requirements

## For educators:

- Participation in a site-specific survey about your program's STEM programming, including structure and demographics
- Participation in post-program survey and focus group with evaluator

# Brite Timeline

| | |
|---|---|
| December 15, 2023 | Brite Group Application Closes |
| January 2024 | New Brite Group Notifications |
| February 9, 2024 | Informational Meeting |
| February-May 2024 | Recruitment |
| March 2024 | Contract Distribution |
| April 2024 | Technology Application |
| April 25, 2024 | Meeting for Parents/Caregivers |
| May 3, 10, & 17, 2024 | Educator Training Sessions |
| June 7, 2024 | Platform Training |
| July 12, 2024 | Final Check-in Meeting |
| July 15-August 1 2024 | Brite Program (Survey Participation) |
| August 2024 | Girl Interviews with Research Team |
| August 2024 | Educator Focus Groups with Evaluator |
| September 2024 | Debrief Meeting |
| January-June 2025 | Follow-up Survey with Girls |