



# NASA Inspires Futures for Tomorrow's Youth (NIFTY)

Pre-Application Webinar  
January 26, 2023



# Agenda

- Welcome!
- About SciGirls
- About NGCP
- SciGirls programs vs NGCP programs
- NIFTY Overview
- Program Benefits and Requirements
- Evaluation
- Key Application Questions
- Q&A





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# About SciGirls

Media and education  
that changes how girls  
see STEM and the  
world sees girls!



- ★ On TV
  - national PBS Kids series
- ★ Online
  - PBS Kids' site hosting videos & games
- ★ On the Ground
  - activities and professional development

Everything is rooted in The SciGirls Strategies!

# 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.**

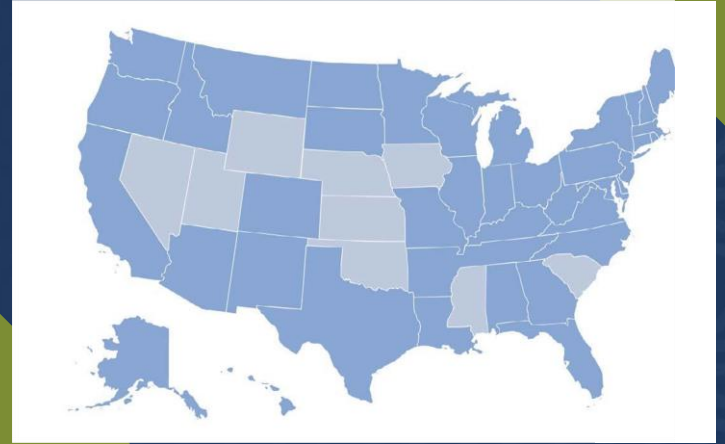




# A National Network

## Of Collaborative Teams

- NGCP programs and partners are in every state
- With 33 Collaboratives that support 41 states
- Together, we facilitate collaboration across 42,500 organizations
- Serving 20.2 million girls and 10 million boys



# NIFTY Project Overview

The four-year project will

1. Prepare 100+ NASA STEM professionals in best practices for role models;
2. Connect them to 100 STEM outreach programs for 1,000 middle school youth and their families. There will be 50 programs in late 2023 and 50 in early 2025;
3. Train a cohort of 10 role models to be Certified Role Model Trainers in 2024;
4. Dr. Hilarie Davis will evaluate the effectiveness of professional development and STEM programs with role models.

**Role models will provide opportunities for youth to learn about NASA missions and careers and provide personal sources of inspiration.**



# Outreach Program Timeline

June 2023	July – December 2023	November 2024	January – June 2025
Professional Development for two program staff	20 hours of NASA-themed STEM programs with at least one Role Model and families (Round 1)	Professional Development for two program staff	20 hours of NASA-themed STEM programs with Role Models and families (Round 2)



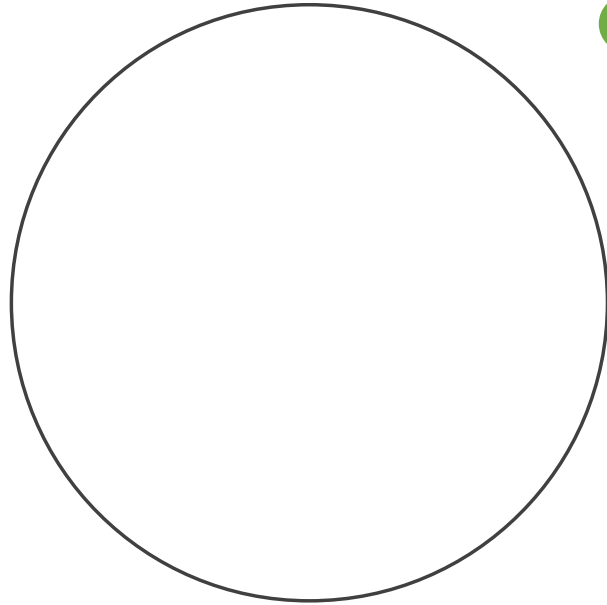
# Partners selected will receive:

- Professional Development (2 staff per organization): Two virtual workshops with follow-up support
- STEM activities and materials to support programs
- Support in connecting with NASA role models
- \$5000 stipend



# Partners selected are required to:

- Attend two virtual Professional Development Training (June 2023 and November 2024)
- Hold a youth program:
  - July – December 2023 and January – June 2025
  - 10+ youth (ages 9-14)
  - format: afterschool, summer camp, Saturday program, etc. (at least 20 hours)
  - must use SciGirls videos, games, and activities, in addition to their own activities
  - must involve at least one NASA STEM Role Model
- Complete Evaluation Requirements:
  - Complete a Needs Assessment Survey
  - Complete a Post-Professional Development Survey
  - Complete a Post-Program Survey
  - Distribute a Family Survey



# External Evaluation

Dr. Hilarie Davis

Technology for Learning

# External Evaluation Activities

Complete a Needs Assessment survey  
(winter/spring of 2023)

Complete 2 Post-Professional Development  
surveys (summer 2023 and winter 2024)

Complete 2 Post-Program surveys (winter/spring  
2023 and summer 2025)

Administer a Family Survey and Youth Survey at  
the end of each round of NASA-themed STEM  
programs



# External Evaluation Activity (Optional)

Three sites in 2023 and three sites in 2025 will have one session of their program observed by the evaluator.

The purpose of this is to provide in-depth examples of how NIFTY is implemented, NOT to judge your work.



# Applications are open!

**Due date:**

**Friday, February 18, 2023**

**Apply via SurveyMonkey**

- community demographic information
  - 3 narrative questions
  - letter of support



# Narrative Question #1

**STEM Programming** (if you have not done STEM before)

If you have not offered STEM programming before, **what interests you about STEM** at your organization? How will participation in *NIFTY* help **build your organization's capacity** to offer STEM programming?

# Narrative Question #2

## Interest in Role Models

Describe your organization's interest in inviting NASA STEM Role Models to your programs. Have you had opportunities to incorporate Role Models, such as subject-matter experts, scientists, or other guest speakers in youth programming before? How do you think access to NASA role models will impact your community? Describe how access to diverse NASA STEM Role Models may benefit youth, especially girls and other historically excluded genders in STEM, which includes cis girls, trans youth, gender non-conforming, and/or non-binary youth.

# Narrative Question #3

## Experience with Diverse Communities

Discuss your **plans for engaging** members of the community who are historically excluded in STEM fields, specifically Hispanic or Latino/a/x communities and girls and other historically excluded genders in STEM, which includes cis girls, trans youth, gender non-conforming, and/or non-binary youth. **Describe two or more** community partnerships you can utilize to reach these communities.

# Supporting Material

## Letter of Support



Please provide a brief letter of support from your organization's leadership indicating an awareness and commitment to the NIFTY project requirements.



# Successful applicants will:

Have clear plans to reach groups historically excluded in STEM fields

Commit to running two rounds of programs (of ten hours each) with 10 youth ages 9-14 and their families



THANK YOU!  
Questions?