

Leap into Science Training and Implementation Grant Project

Overview

Developed by [The Franklin Institute Science Museum \(TFI\)](#) and supported by the **National Girls Collaborative Project (NGCP)**, [Leap into Science](#) is a series of evidence-based workshops that pair hands-on science activities with children's books for children ages 3-10 and their families. This National Science Foundation project is designed to bring high quality STEM and literacy resources to community settings like libraries, museums, and out-of-school time programs to engage underserved families in accessible and familiar settings, using a Train the Trainer model.

This is a 3-year project, each year, we will hold a minimum of 3 events to train 60 total youth librarians, afterschool and summer providers. To support the required implementation, the grant provides travel to the National Institute the first year, a small annual stipend for the state leadership team and 45 material kits for participants each year.

OregonASK applied with the State Library of Oregon, Southern Oregon STEM Hub and Oregon Center for Career Development to participate as a state leadership team in the Leap National project, knowing that our application should collectively include:

- Institutions with complementary sets of expertise representing science, literacy, and out-of-school time programming
- Commitment to and capacity for statewide outreach
- Access to informal educators who serve **rural** & urban communities across the state
- Capacity to lead trainings for informal educators and support program implementation

As a state leadership team, we will:

- Lead Oregon in disseminating high-quality science & literacy programming
- Join a national network of institutions **committed to science & literacy outreach**
- **Travel** to the National Leadership Institute in Philadelphia on March 25-27, 2018
- Receive evidence-based curricula and kits of materials for educators
 - **45 kits for participants in each state each year**
- Participate in monthly professional development and technical assistance

Timeline:

- 5 state leadership teams announced: **January 12, 2018**
- Kickoff Webinar: Feb 6th, 2018
- National Leadership Institute: **March 25-27, 2018** in Philadelphia
- Monthly Community Calls
 - Attended by State Leadership Representatives
- Ongoing Evaluation activities
 - State Leadership Team Trainers
 - Implementation Sites (Trainees)
 - Potentially Other
- Research Case studies selected: Fall 2018
- National Leap into Science Day: February 2019

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Implementation

- Curriculum and kits provided in 3 topic areas.
 - Year 1: Balance
 - Year 2: Wind and Air
 - Year 3: Light and Shadow
- Key Partner Organizations
 - Libraries
 - Science Centers/Educators
 - Informal & Out-of-School Programs
- Key Audiences for LEAP activities:
 - Preschool
 - School age
 - Parents & Families

Other Frequently Asked Questions (FAQ's)

- **What kind of 'materials' are provided?**

The National Partners provide 45 kits to each state that will include a mix of books and activity materials, including reusable components that can be used multiple times and even at multiple sites.

- **Why are there only 4 State Leadership Organizations?**

Each state leadership organization is required to send a representative to the national institute for training, however, the grant only provides funding for up to 3 from each state. Any additional leadership team organizations would have to cover the cost of attending. However, there will be additional implementation partners who will be key in coordinating trainings and implementing programming for youth and families around the state.

- **Is there any money to support attending training (travel costs, etc) or implementation?**

The NSF grant does not provide funding for the programmatic implementation. However, Oregon leadership team members will apply for other grants to support travel stipends and implementation at informal sites to help limit the challenges that most programs encounter when reaching and serving underserved youth and families.