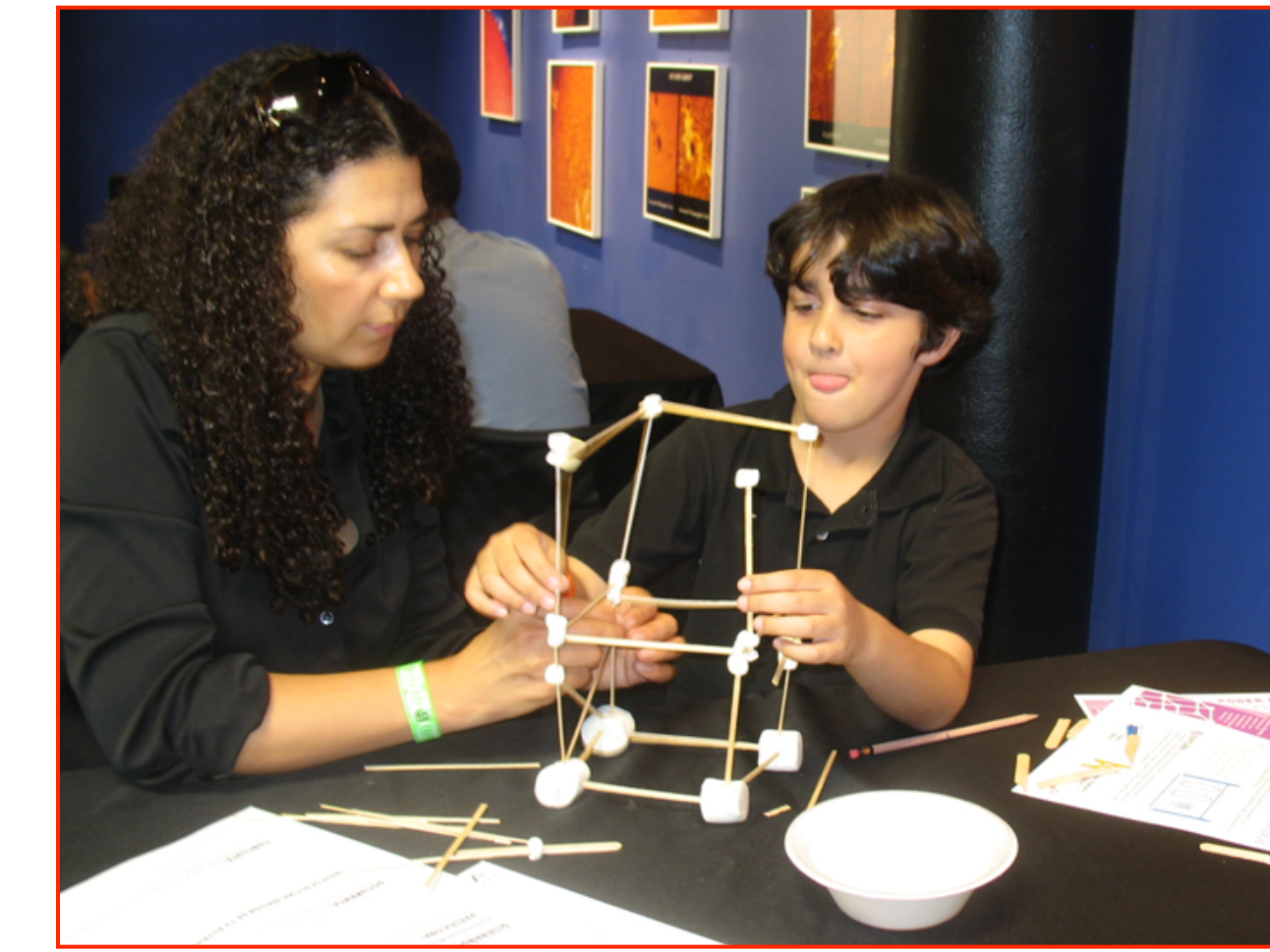





# CHISPA

Children Investigating Science with Parents and Afterschool



## Overview and Objectives

**CHISPA** is a national network of science museums and afterschool programs affiliated with ASPIRA and National Council of La Raza (NCLR), working together to build stronger communities and increase the engagement of Hispanic children and their families with science and local science resources. The project period is October 2013 through September 2017.

Objectives include:

- Build organizational capacity of partner museums and NCLR and ASPIRA afterschool program staff to implement **CHISPA** in their afterschool programs.
- Strengthen linkages between science museums and Hispanic-serving community-based organizations (CBOs) in their communities to increase participation of families of Latino background in museum events and activities.
- Contribute to the informal science education field a better understanding of how collaborations between museums and CBOs can be employed to engage more Latino families in science education.
- Increase student and family engagement in STEM (science, technology, engineering, math).

**Kansas City, MO**

- Science City at Union Station
- NCLR
  - Guadalupe Center, Inc.

**Charlotte, NC**

- Discovery Place
- ASPIRA of NC: Montclair Elementary School

**Jersey City, NJ**

- Liberty Science Center
- ASPIRA, Inc. of New Jersey

**Washington, DC & VA**

- Smithsonian National Museum of Natural History
- ASPIRA Inc. of Virginia
  - HOME Kilby Elementary
- NCLR
  - Latin American Youth Center
  - LAMB

- **Museum Partner Institute**
- **K-5 Afterschool Science Curriculum** (English/Spanish)
- **Padres Comprometidos con CHISPA** (English/Spanish)
- **Family Science Days**
- **Media Dissemination**

**Chicago, IL**

- Chicago Children's Museum
- NCLR
  - Brighton Park Neighborhood Council
  - Enlace Chicago
  - Erie Neighborhood House
  - Gads Hill Center

**New York, NY**

- American Museum of Natural History
- NCLR
  - Amber Charter Schools
  - Committee for Hispanic Children and Families

**Philadelphia, PA & Newark, DE**

- Academy of Natural Sciences at Drexel University
- ASPIRA Inc. of Pennsylvania
  - Hostos Charter School
  - Pantoja Charter School
- ASPIRA Inc. of Newark
  - Las Americas ASPIRA Acad.

**Los Angeles, CA**

- California Science Center
- NCLR
  - Building Skills Partnerships
  - Camino Nuevo Charter, Sandra Cisneros Campus
  - Camino Nuevo Charter, Harvard Campus
  - New Economics for Women
  - Para Los Niños
  - Youth Policy Institute
- Milagro Charter Elementary
- El Sol Science & Arts

**Albuquerque, NM**

- ¡Explora! Science Center
- NCLR
  - Youth Development, Inc.

**Houston, TX**

- John P. McGovern Museum of Health and Medical Science
- NCLR
  - D.R.A.W. Academy

**Miami, FL**

- Frost Museum of Science
- ASPIRA Leadership and College Prep K–8 Center

## Guiding Evaluation Questions

- In what ways and to what extent does the project build organizational capacity of partners? (Objective 1.0)
- In what ways and to what extent does CHISPA strengthen linkages between science museums and Hispanic-serving CBOs? (Objective 2.0)
- What is the evidence that the project contributes to the informal science education field? (Objective 3.0)
- In what ways and to what extent does the project increase student and family engagement in STEM? (objective 4.0)

## Mixed-methods Approach

- Museum Partner + CBOs**
  - Surveys
  - Interviews
  - Case studies
- Students**
  - Observations
  - Embedded assessment
- Families**
  - Surveys
  - Interviews
  - Focus groups



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