



NORTH CAROLINA MUSEUM OF LIFE AND SCIENCE, DURHAM

# Sparking Interest in STEM Among Hispanic Learners Nationwide Through Meaningful Connections to NASA Explorations and Discoveries

Max Cawley

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North Carolina Museum of Life and Science  
Credits: North Carolina Museum of Life and Science

This project creates and disseminates culturally relevant Earth and space professional learning resources designed to help improve STEM engagement practices and skills for educators engaging Hispanic families in authentic, meaningful learning in community settings. It uses three integrated strategies to accomplish project goals: 1) co-develop, distribute, and widely implement engagement materials designed to engage Hispanic communities in learning about authentic Earth and space science; 2) provide professional development for educators and scientists who engage learners in informal settings such as museums, supporting the use of evidence-based practices for reciprocal community partnerships and culturally responsive engagement; and 3) leverage national networks to ensure widespread use. Together,

these three strategies will catalyze widespread engagement of Hispanic communities by hundreds of leveraging partners in all 50 states and some territories.

## List of Partners:

- Johnson Space Center
- Langley Research Center
- Marshall Space Flight Center
- National Informal STEM Education Network
- El Centro Hispano
- El Futuro
- Duke University
- Children's Museum of Brownsville
- Children's Museum Houston
- Children's Creativity Museum
- Arecibo Observatory
- Museum of Science, Boston
- Exploratorium

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<https://www.nasa.gov/learning-resources/search/>