Cambio: A Professional Development Approach for Building Latinx-focused Cultural

Competence in Informal Science Education Institutions | 1906595





PI: Veronica Garcia-Luis (Exploratorium), vgarcia-luis@exploratorium.edu

Co-Pls: Isabel Hawkins,

Ph.D.(Exploratorium), Jenni Martin (CDM

San Jose)

CambioExperience.Org

AUDIENCE + SETTINGS

Audience:

Museum practitioners seeking to center equity with Latinx communities via STEM.

Disciplinary area:

Professional development, Informal Science Education, Organizational Change

Learning environment:

Virtual and in-person meetings, applied learning experiences, and community of practice

ACCESS + INCLUSION

Helping museums shift internal organizational practice to better create STEM experiences that are culturally relevant, responsive, and sustaining to Latinx communities.



This material is based upon work supported by the National Science Foundation under grant <u>2229061</u>. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

PROJECT DESCRIPTION

Cambio aims to advance equity by building the ISE field's capacity to effectively support Latinx Communities' full participation in STEM.

KEY ACHIEVEMENTS (YEAR 4)

Accomplishments/Field Impact

- a) Launched 3 of 4 cohorts projecting 54 participants
- b) Awarded \$50k for 10 minigrants (so far)
- c) Articulated a Theory of Change
- d) Generated "Strands" tool for making change pursuits concrete
- e) Demonstrated STEM as culturally rooted and relevant via Comunalidad framework, modeled with Lotería

Learnings

- a) Participants are willing to engage in change with support, reflection, and scaffolding.
- b) A culturally responsive approach requires content and curriculum to continually evolve with shifts and trends in the field.
- c) Stretch areas for participant growth are: Examine Structures + Assumptions, Share Power + Decision Making, and Take Risks + Change
- d) Dedicated in-person time is impactful when building a community of practice.
- e) Cross-organizational teams including highest levels of leadership take time to form and mobilize.

Cambio: A Professional Development Approach for Building Latinx-focused Cultural Competence in Informal Science Education Institutions AWARD # 1906595

This material is based upon work supported by the National Science Foundation under grant 2229061. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.









