

Collaborative Research: Advancing professional development and broadening participation in informal science learning via the integration of the science and art of color | 1713155, 1713276

PI: Laura Conner,* ldconner@alaska.edu
Co-PIs: Blakely Tsurusaki,** btsur@uw.edu
Carrie Tzou,** tzouct@uw.edu
Mareca Guthrie,* mrguthrie@alaska.edu

*University of Alaska Fairbanks

**University of Washington, Bothell

<https://fosteringsteam.org/>

Project Description

This project offers professional development (PD) to educators desiring support in deeply integrating art and science in their programming.

Key Achievements

To date, 420 educators have participated from institutions across the US. The evaluation shows growth in mindset and identity-related beliefs and practices among participating educators.

Audience & Settings

Audience: Librarians, museum educators, art and science teachers

Disciplinary area: STEAM (biology, chemistry, optics, visual art)

Learning environment: libraries, museums, schools, after school

Access and Inclusion

We draw on a set of STEAM practices that we created that center mindset, identity, and equity. Strategies include connecting to learner's everyday lives, cultures, and practices.



Collaborative Research: Advancing professional development and broadening participation in informal science learning via the integration of the science and art of color | 1713155, 1713276

This material is based upon work supported by the National Science Foundation under grant 1713155 & 1713276. 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.



FOSTERING STEAM

professional development in Art + STEM integration
