

# Designing our Tomorrow | #1811617

Community Partners: Carina Quintanilla (Adelante Mujeres),  
CQuintanilla@adelantemujeres.org

PIs: Marcie Benne (Oregon Museum of Science and  
Industry), mbenne@omsi.edu

Co-PIs: Carla Herran, (Oregon Museum of Science and  
Industry)

Project website: <https://omsi.edu/for-museum-professionals/designing-our-tomorrow/>

## Project Description



Designing our Tomorrow (DOT) project focuses on promoting and strengthening family engagement and engineering learning via compelling exhibit-based design challenges, which are presented through the lens of sustainable design exemplified by biomimicry.

## Key Achievements

- Collaborative Practices at Interactive Engineering Challenge Exhibits (C-PIECE) study.
- Creatividad silvestre / Wild Creativity, a Spanish forward (Bilingual) traveling exhibit + programming
- Storytelling approaches used to communicate that the engineering practices exercised at DOT exhibits are usefully relevant to problem-solving in their day-to-day lives and their communities.

## Audience & Settings

**Audience:** girls ages 9-14 and their families, including Latino girls and their families, Spanish, English speaking families and groups. Museum practitioners, including exhibit developers, designers and, facilitators.

**Disciplinary area:** Engineering

**Learning environment:** Museum and Science Center Exhibits

## Access and Inclusion

Co-development: by including the voices and insights of Latina and Latinx members in the co-creation of content. Influencing not only content and nature of activities, but also language. Centering voices: by privileging and recognizing the experiential knowledge and capital knowledge of families. Broadening engineering definitions that recognizes communities funds of knowledge.



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## Project Team members:

Erin Graham, Catherine Diaz, David Laubenthal, Molly Schmitz, Ben Olson, Scott Randol, Joe Bartley, Daniel Guyton, Raul Preciado Mendez, Matthew Rivera, Sierra Martinez, Raquel Cruz, Regina Gross-Sharf, Katie Forbes, Todd Shagott, Danielle Schlunegger-Warner, Special thanks to Metropolitan Family Services and Latino Network staff who have generously contributed their time and expertise.

