



# What Future Will You Create?

STEMarts Lab is a STEAM youth leadership program and SciArt Production Studio. Our mission is to engage young leaders in hands-on design and production of pioneering SciArt experiences that travel the world. We use the power of STEAM learning to build essential 21st century workplace skills, and to inspire our youth to work toward a better future for us all.

## Our History

STEMarts Lab was founded in 2009 by Taos, New Mexico-based new media artist Agnes Chavez. We engage youth in using art, science, and technology for good. We innovate, we create, and we solve real-world challenges that move society toward a better, more equitable future.

In 2012, we launched the STEMarts Design Challenge, which uses open-source tools to help teachers integrate STEAM learning into their classrooms. Two years later, we were integral in founding the PASEO Festival, a free outdoor art festival that brings projection, performance, and installation art to the Taos community. Today, our footprint continues to expand. Our immersive SciArt installations like "Space Messengers" travel the globe, connecting hundreds of youth with peers and mentors through partnerships with prestigious science research laboratories, exhibition venues, and diplomatic organizations like Sister Cities International and U.S. Consulates.

## Our Reach & Impact

Our STEAM Youth Leadership program provides learning and workforce development opportunities including:

### > Stipends

### > Mentorships & Internships

### > International Travel Opportunities

- 140 Ambassadors involved in installations and educational programs (2018 - 2024)
- 15 Northern New Mexico apprenticeship scholarships awarded (2022 - 2024)
- 100+ students trained in digital, scientific, artistic, and humanistic literacy through STEMarts Bootcamps at UNM Taos Hive (2022 - 2024)
- 22 paid youth internships awarded since 2022
- 24+ schools, 28+ classrooms, and 2,200+ students participated in STEMarts Design Challenges (2012 - 2025)
- 5 participating countries included in STEMarts' International Travel Award (2022 - 2025)
- 2-3 Art & Science Festivals per year, each directly engaging 200-500 students (2012 - 2024)
- 3-7 student-led community events per year, engaging 20-1,000 attendees at each event (2012 - 2024)

## Get In Touch

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Connect with Us on Social Media @STEMartsLab





## Agnes Chavez

### How can the merging of art, science and technology develop empathy and new approaches to humanitarian and ecological challenges?

Agnes Chavez is an interdisciplinary new media artist and educator. Her work integrates art, science and technology as tools to inspire artistic, scientific and humanistic literacy and to raise awareness to humanitarian and ecological issues. She explores data visualization, light, sound and space to create immersive and educational installations that seek balance between mind and matter, science and art, nature and technology. She is the founder of [STEMarts Lab](#), which designs and delivers SciArt installations and STEAM programming for schools, art/science organizations and festivals.

STEMarts Lab has developed STEAM programs for ATLAS@CERN, Scholastic, 516 Arts, Los Alamos National Laboratory, and for the ISEA2012 electronic arts festival. In 2014 Agnes was a founding member of [The PASEO](#) outdoor participatory art festival in Taos, New Mexico, whose mission is to transform community through art and art through community. She developed the [SUBE](#), Language through Art, Music & Games program, founded in 1994.

Agnes has been featured in numerous press features and presentations.

SciArt installations and STEMarts Lab youth workshops are available for contracting or commission.

## Get In Touch

### Contact

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