THE ENCANTADO FOUNDATION

2023 COMMUNITY BASED GRANT AWARDEES

SPRING FUNDING CYCLE

Girls Inc. of Santa Fe

- **Organizational Overview:** Inspiring girls to be Strong, Smart, and Bold by offering life-changing experiences & supports, such as a community of peers, professional mentoring, and researched-based programming.
- **Funded Effort:** To support the ongoing delivery of STEM programs to girls in Santa Fe through an established partnership with the Santa Fe Public Schools. The STEM programming focuses on eliminating academic achievement gaps in STEM fields via a STEM enrichment curriculum and hands-on projects.

Institute for Computing in Research (Fiscal Sponsor: Software Freedom Conservancy)

- **Organizational Overview:** A consortium of researchers, students, and teachers who use advanced computing methods for applied research in the physical, life, social sciences plus the arts and humanities.
- **Funded Effort:** To support costs related to hosting two summer interns. Funding supports a stipend for one-month of work, computer usage, and meals. During the internship, high school interns are paired with a mentor grounded in STEM disciplines.

Kearny Elementary School

- **Organizational Overview:** A dual language elementary school in Santa Fe, focused on bilingualism and biliteracy. Kearny values social justice and equity.
- **Funded Effort:** To support a teacher led effort focused on using problem-solving based math instruction with students in the classroom .

MathAmigos

- **Organizational Overview:** All volunteer, teacher support organization, focused on providing teachers with research-based strategies to inspire students to love math and to deepen mathematical thinking with students.
- **Funded Effort:** To support math enrichment summer camps hosted in the Farmington area with Navajo, Hopi, and Pueblo community members & learners, grades 7th-12th.

SPRING FUNDING CYCLE

Northern New Mexico College (NNMC), STEM Mentor Collective

- **Organizational Overview:** The Northern NM STEM Mentor Collective, housed at NNMC, is a robust group of STEM mentors, educators, and learners working together on various STEM-influenced, hands-on activities & projects with middle and high school students.
- **Funded Effort:** To support high school and college student stipends for 60 hours of work, which includes improving & manufacturing 10 pairs of Parkinson's Gloves. Funds will also go towards glove components.

Indigitize Computer Science

- **Organizational Overview:** Creating transformative social change through Indigenous-led innovation and exposure to Computer Science careers and culturally relevant instruction. Goal is to reach 10,000 Native youth by 2024.
- **Funded Effort:** To support the Coding for Climate Justice pilot project, focused on teaching Indigenous youth introductory coding language and tools—Python, JavaScript, data visualization, app development—to create environmental solutions. Curriculum is developed in partnership with Amazon Future Engineer program; centered on Indigenous approaches to computer science.

STEM Santa Fe

- **Organizational Overview:** A STEM educational enrichment organization focused on delivering educational opportunities, mentoring, and resources for learners, specifically with underrepresented youth.
- **Proposed use of funds:** To support and elevate the current intern program by: increasing dedicated staff time to further professionalize the intern experience; offering additional coaching & mentoring with each intern; and creating a formal intern evaluation & assessment process.

The Paseo Project

- **Organizational Overview:** An experiential art organization that hosts annual PASEO Festival operates a STEAM Education Program to support its community transformation through art mission.
- **Proposed use of funds:** To support a STEAM Day, the day before the start of the PASEO Festival, which includes educational workshops, events, and happenings with artists.

2023 COMMUNITY BASED GRANT AWARDEES

True Kids 1

- **Organizational Overview:** ·A youth digital-media organization focused on helping K-12 student learners create, communicate, and collaborate in today's world.
- **Funded Effort:** To provide operational support for a new Director of Technology & STEM, a role in direct alignment with the organization's STEM program expansion.

UNM-Taos PreK-12

- **Organizational Overview:** A PreK-12 program of UNM-Taos' Branch Campus. The PreK-12 program is focused on preparing area students for college & career readiness, which included STEM educational experiences and opportunities.
- **Funded Effort:** To support the purchase of Ozobot Evo coding robots to facilitate hands-on code leaning, while emphasizing introductory coding, problem solving, and interactive exploration. Program pairs UNM-Taos student mentors to instruct and guide area 4th graders.

FALL FUNDING CYCLE

Applied Dynamics Initiative

- **Organizational Overview:** A STEAM + Entrepreneurship organization that delivers its robotics programming to students in an after-school setting.
- **Funded Effort:** To support both programmatic and operational related expenses for robotics tools, robot parts & equipment, special event fees, and competition travel.

Belen & Infinity High Schools NM MESA Program

- **Organizational Overview:** In partnership with the Belen Consolidated Schools System, NM MESA asks "How can we empower and engage students in grades 6-12 to solve human and natural problems in the community around them through STEM while applying scientific and engineering practices?" Belen & Infinity High Schools and NM MESA seek to address this question through their coordinated classroom-based programming.
- **Funded Effort:** To support hands-on STEM instruction through the purchase of sea perch kits, a CNC cutting machine, and 3D printer with tools to build an underwater ROV. Students will use supplies to learn how to code, use CAD, apply engineer design skills, and program a CNC router. Funds will also be used to take students on fields trips to visit industry partners.

FALL FUNDING CYCLE

LANL Foundation
- **Organizational Overview:** A charitable foundation serving LANL's service area focused on innovative programming, collaboration, and advocacy including education, learning, and human potential. Also, serves as a fiscal partner for the NM Governor's STEM Challenge.
- **Funded Effort:** To support the NM Governor's STEM Challenge, an annual competition that provides a venue for high school students to showcase their skills and knowledge in STEM disciplines along with critical thinking, problem solving, and teamwork.

MathAmigos
- **Organizational Overview:** All volunteer, teacher support organization, focused on providing teachers with research-based strategies to inspire students to love math and deepen mathematical thinking with students.
- **Funded Effort:** Under a newly formed partnership with Northern New Mexico College, funds will support 14+ stipends for teachers from rural, tribal, and pueblo areas to attend a math enrichment workshop in early 2024.

R4 Creating
- **Organizational Overview:** A community-based STEM education and workforce development organization focused on increasing STEM opportunities for students through robotics competitions and educational enrichment.
- **Funded Effort:** To support staffing sustainability and program expansion, specifically for the STEAM Center of Excellence, a community focused, hands-on STEAM learning center for middle and high school students.

STEM Boomerang
- **Organizational Overview:** An organization focused on strengthening New Mexico's workforce development by connecting local employers and students, professionals, and job seekers.
- **Funded Effort:** To bridge the information gap between prospective candidates and diverse employment opportunities with local, specialized tech startups, and established companies. To do this, the organization is seeking to enhance its signature Career Portal.

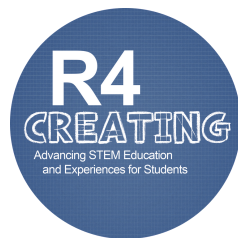## FALL FUNDING CYCLE

STEMarts Lab

- **Organizational Overview:** Empowering youth through art, science, and technology in rural and underserved areas. Organization offers STEAM workshops and training programs, such as the Apprenticeship Program for Girls and STEMarts Ambassador program for youth leaders.
- **Funded Effort:** To advance Apprenticeship and Ambassador program expansion, including funding support for instructor stipends and travel expenses for participant travel, especially in rural areas. Overall goal is to increase the number of expert led science and technology workshops for both apprentices and ambassadors.