A sampling of New Mexico Professional Development Providers: STEM | Arts | Design Education

Albuquerque Public Schools Fine Arts Program [https://www.aps.edu/fine-arts](https://www.aps.edu/fine-arts)

The APS Fine Arts team provides professional development for certified art and music teachers as well as classroom teachers. Among her other duties, each year Director of Fine Arts Gina Rasinski presents a different week-long “workshop on arts integration strategies”. The June 2019 workshop titled “Making Connections: Collaboration using 21st Century Skills – Learning Literacy & Life” was open to elementary classroom teachers, ESL and bilingual teachers, librarians, special education staff, PE teachers, Instructional Coaches and any other certified staff. The 2020 Making Connections workshop will take place June 1 – 5. Please contact Gina for more information on possible expansion to additional week(s) in rural districts. ([2019 FAEA Winter Conference presenter](#))

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Anne Taylor, Founder/Director of SZI, along with a cadre of architects and teachers has been inspiring students in New Mexico, nationally, and internationally for more than three decades. SZI’s pre-K – 12+ design education programs help students better understand the built, natural and cultural environment by explicitly making connections to standards in the core areas of math, physics, and biology. This year, Dr. Taylor will lead the first interdisciplinary design education class at UNM (College of Education & School of Architecture and Planning).

Anne Taylor, Ph.D. Hon. AIA ([2019 FAEA Winter Conference presenter](#))

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KNME/NM PBS, Learning Media

Laurel Wyckoff is the Education and Outreach Manager at New Mexico PBS responsible for PBS Kids Ready to Learn Service, teacher professional development support using PBS Learning Media, Science Cafés and Indie Lens PopUp screening events. Last summer, Education and Outreach members led three workshops for Rio Rancho science and math teachers as part of Science and Math with Infinite Technology (SciMIT). Using a [Design Squad](http://www.designsquadglobal.com) hands-on project, teachers were inspired to try out an engineering challenge. To arrange for a professional development workshop at your school email [TeacherHelp@nmpbs.org](mailto:TeacherHelp@nmpbs.org)

At the [2019 FAEA Winter Conference](#), Wyckoff led a discussion following a screening of *The Majesty of Music and Math*, a NMPBS multimedia documentary exploring the interconnectedness of music and mathematics featuring Santa Fe Institute and the Santa Fe Symphony Orchestra. [LWyckoff@nmpbs.org](mailto:LWyckoff@nmpbs.org)

Museum of International Folk Art (MOIFA) [http://www.internationalfolkart.org/learn/](http://www.internationalfolkart.org/learn/)

[phyllis.kennedy@state.nm.us](mailto:phyllis.kennedy@state.nm.us) | 505-476-0520 | New Mexico Arts, DCA, Bataan Building, Santa Fe NM

8/23/19
Leslie Fagre, Director of Education, believes in the power of Folk Art to teach people about the beauty, complexity, and resourcefulness of other cultures and in the process learn about ourselves. Community Outreach Coordinator Patricia Segala reaches out, in, and across generations, abilities, and communities throughout Northern New Mexico. She is passionate about engaging youth using the museum’s collection to facilitate experiential learning, global understanding, cultural self-exploration, and social activism. Their Beads and Seeds, hands-on presentation at the 2019 FAEA Winter Conference demonstrated one example of how MOIFA educators create collaborative STEM, art, and design projects using educational materials from the museum’s extensive collection. In this lesson they partnered with the Santa Fe Botanical Gardens. LeslieP.Fagre@state.nm.us

Roswell Museum and Art Center (RMAC) http://roswell-nm.gov/308/Roswell-Museum-Art-Center Curator of Education Amanda Nicholson enjoys exploring science and engineering fields and how the arts both integrate with and enhance STEM education. At the 2019 FAEA Winter Conference she shared a hands-on and grade adaptable STEAM lesson that she presents in an informal museum setting as well as in classrooms in the Roswell community. A.Nicholson@roswell-nm.gov


Charles Gamble is the manager of the Santa Fe Opera’s Active Learning Through Opera (ALTO) Program. Elementary and middle school students make meaningful connections between an academic topic and an element of opera, and demonstrate their understanding of both through performance. In multi-week residencies, teaching artists from the Opera collaborate with classroom teachers to engage students in the experience of being composers, librettists, singers, dancers, actors or visual artists. Students create original work based on the form they focus on and their unit of study, so classes may create dances that demonstrate the systems of the human body, or an entire through-composed opera based on the Hero’s Journey or Tall Tales. ALTO draws extensively from the Kennedy Center definition of arts integration to support students and teachers as they make meaningful connections between an element of opera and an academic topic.

At the 2019 FAEA Winter Conference Gamble collected a snapshot of his workshop attendee’s experiences with teacher training by surveying them on professional development in their districts. cgamble@santafeopera.org

STEMArts, Agnes Chavez http://www.stemartslab.com/

Through their custom workshops, presentations, and demos they provide opportunities for creative expression and innovation, collaboration and art for social practice. Students learn about experiential and participatory art that has an innovative application of STEM (science, technology, engineering, math) and the arts. STEMArts features new media artists and interdisciplinary teams whose innovative practices and ‘ways of knowing’ offer a deeper and
more meaningful understanding of STEM concepts and the arts. The STEMarts Lab brings 21st century communication and creation tools into the classroom and the community, with a special focus on underserved populations and culturally responsive curricula. learn@sube.com

Wonders on Wheels, New Mexico Department of Cultural Affairs
http://www.newmexicoculture.org/museum-resources/wonders-on-wheels

Wonders on Wheels Mobile Museum is a specially retrofitted 38-foot RV featuring 300 square feet of arts, culture, history, and science exhibits and curriculum-based programming. The WoW mobile museum brings exhibits curated from one of DCA’s eight state-run museums to public schools and libraries in communities throughout New Mexico. The curriculum is targeted toward fourth and fifth grade students. “We do write the lesson plans for our programs, but we try to remain as flexible as possible when working with the schools that we go to. If a school would like us to focus the lessons in a particular area, then we work with them to find a program that fits. As well, we have done teacher-only tours at conferences. The tours are focused on Wonders on Wheels as curriculum support, rather than “teaching teachers” as an educational approach/style.” – Heidi Heidgerken, WoW Museum Educator (2019 FAEA Winter Conference presenter)

To schedule Wonders on Wheels for your community, contact Jamie Brytowski at: 505.476.1171 or jamie.brytowski@state.nm.us