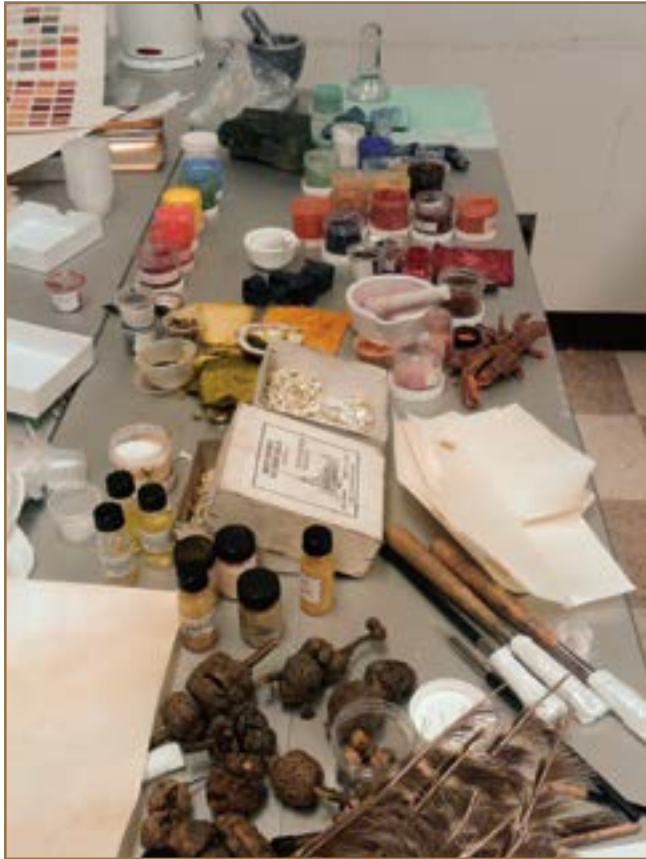


# Alchemical Tech



Interactive, hands-on, fun programs with a scholarly bent. Specially designed programs for exhibition, residency, workshops, and classes for schools, museums, community centers, families, teachers, makers and artists of all ages.



Patricia Miranda working with homeless youth in Westchester County, NY.

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Alchemical Tech activates learning across disciplines, using skills-based, hands-on art making as catalyst and connector. Programs are custom-designed for any institution or community, and for all ages from pre-K to adult and professional. Focus includes artistic, historic, scientific, cultural and environmental.

Workshops are participatory and interdisciplinary, using art processes to connect to curricular and pedagogical practices in museum, school, and community spaces.

Professional development in STEAM-based learning is available for educators in all disciplines. STEAM (*Science, Technology, Engineering, Math*) connects art practices as a teaching tool within broader academic curricula.

*All materials used with young people are non-toxic with normal use. Participants in every workshop create a unique handmade artwork using historical materials.*

contact: [mirarts@gmail.com](mailto:mirarts@gmail.com)

**Patricia Miranda** is an artist, educator, and curator, using multidisciplinary and interactive exhibitions and projects to make connections between art, science, history and culture.

*Miranda has led art and education programs at The Solomon R. Guggenheim Museum, The American Museum of Natural History, The Metropolitan Museum, and the Smithsonian Institute; as well as universities, colleges, schools and community spaces around the country.*

patricia miranda  
[www.patriciamiranda.com](http://www.patriciamiranda.com)

# Alchemical Tech



## Technology is not just computers

Natural materials such as stones, bugs, wasp nests, clay, and flowers have been used since ancient times through today to make paint, textile dyes, makeup and food.

*Learn about pigments, history, science, and culture through art.*

patricia miranda  
[www.patriciamiranda.com](http://www.patriciamiranda.com)

# Alchemical Tech



## workshop

### Artistic

Hands-on, creative workshops that engage with art from antiquity to today. Art develops critical thinking, empowers and inspires maker and viewer alike, adding another unique voice to our human story.



### Historic

From Egyptian to Meso-American, from African and European to Asian, from ancient to contemporary, art is an essential part of our social and political story, reminding us that we are always in the midst of history.

**Alchemical Tech** offers an active and interdisciplinary approach to artistic pedagogy through exhibitions, interactive installations, lectures, and hands-on workshops.

Alchemical Tech makes connections across art, history, science, culture, and the environment through the transformation of raw materials into natural dye and paint.



## lecture



## exhibition

### Scientific

Transforming raw natural resources into finished materials is science. Crushing a bug, rock or flower to make colors is alchemy, a hands-on chemistry that reveals the natural world.



### Environmental

Making colors with natural materials brings us closer to the earth and its fragile resources, reminding us of our connection, our responsibility, and our interdependence.