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NISE NETWORK

The National Informal STEM Education Network
is dedicated to supporting learning about science,
technology, engineering, and math (STEM).

NISE Net

includes
informal educators
and scientists.



NISE Net supports **informal learning about STEM** in communities across the United States.

Our activities are
**fun and
accessible**
for everyone.



Together we reach **millions of people** each year!



NISE Net

brings together diverse people to share and learn from each other.

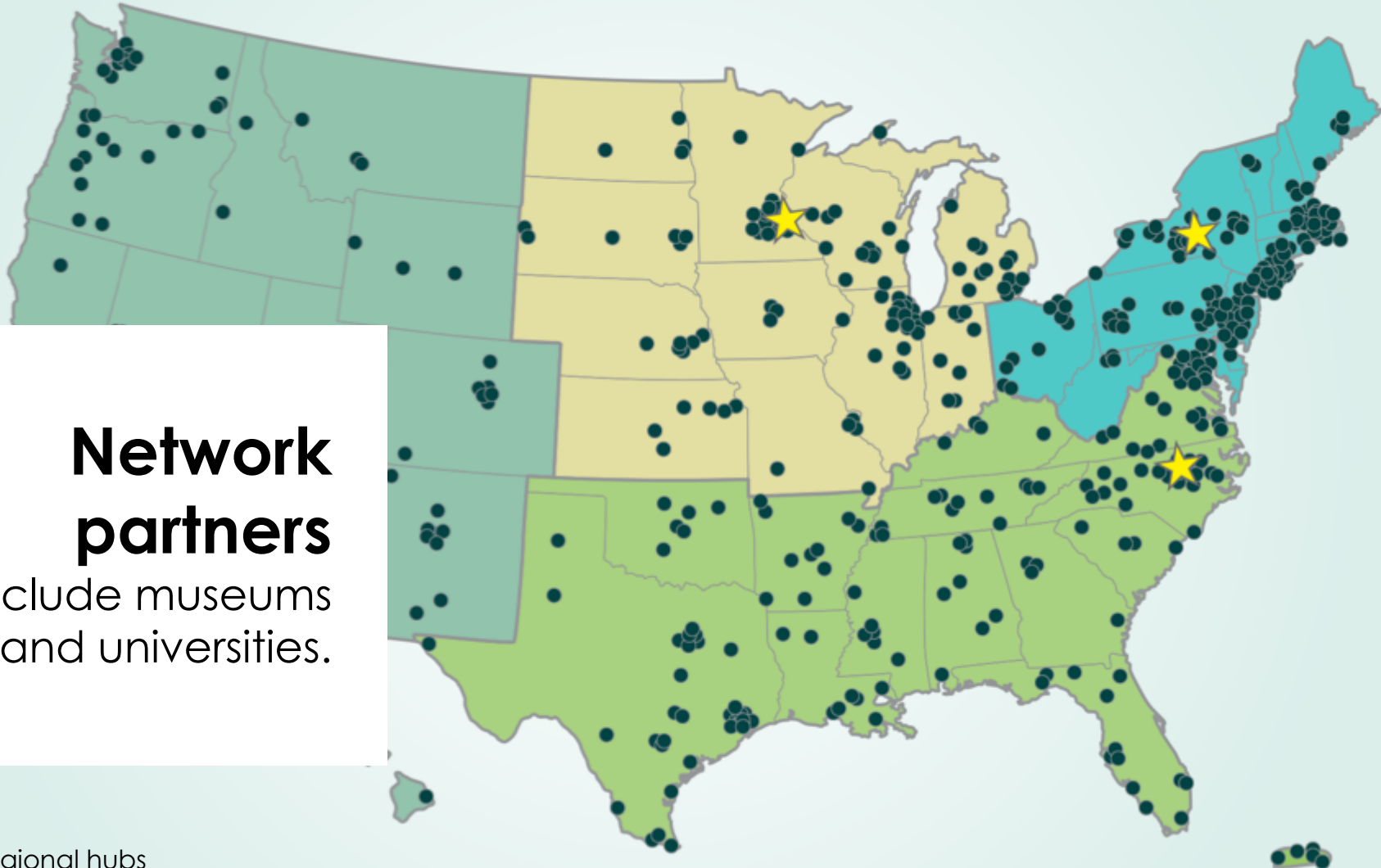
PARTNERS

Hundreds of organizations participate in NISE Net.

Network partners

include museums and universities.

★ Regional hubs



Partner organizations use Network resources to engage audiences in their communities.



**Local
collaborations**

increase our reach
and impact.

Partners **adapt and improve** Network resources, creating new ideas, learning, and models.



Innovations
are shared across
the Network.

PROJECTS

NISE Net projects tackle challenging problems and develop relevant knowledge, tools, and practices.



Our projects

leverage

Network relationships,
knowledge, and
infrastructure.

NISE Net has projects in many areas of STEM.

Synthetic biology
2014-2018



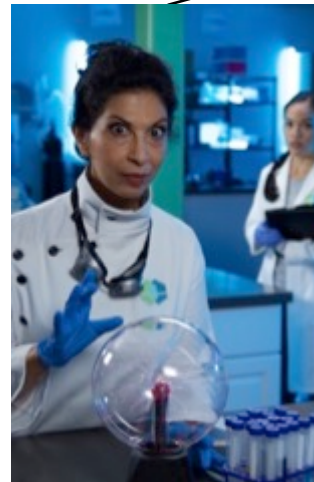
Chemistry
2016-2019



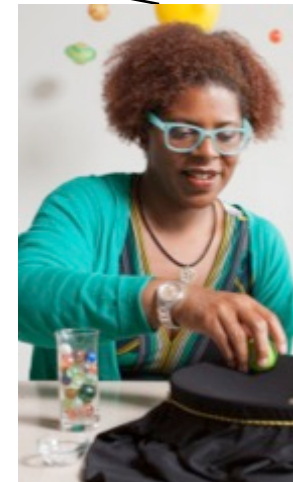
2005 ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● 2020



Nanotechnology
2005-2017

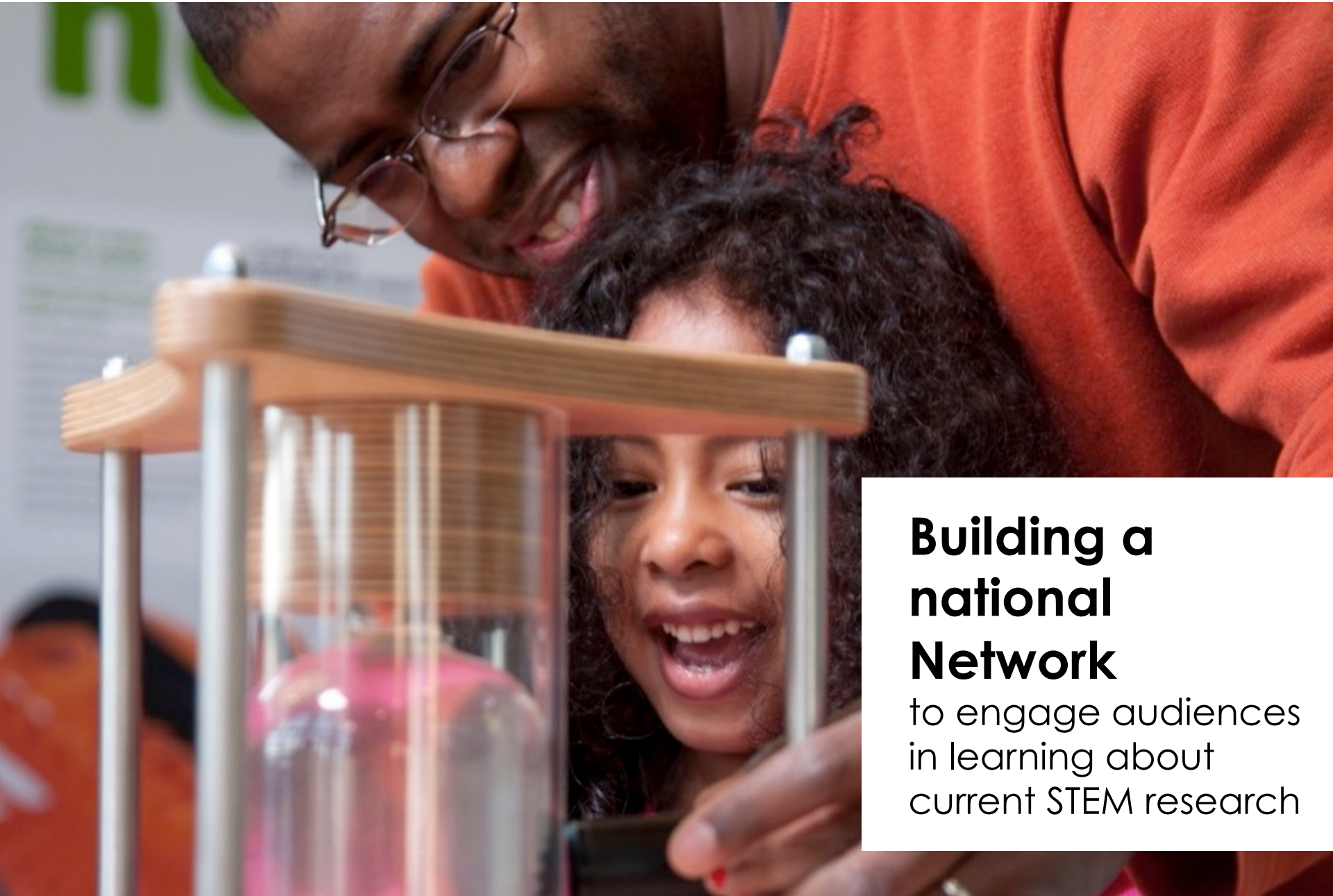


Frankenstein
2015-2019



Earth & Space
2016-2020

Nanoscale Informal Science Education Network



Building a national Network

to engage audiences
in learning about
current STEM research

Building with Biology

Creating dialogue

among researchers,
educators, and public
audiences about STEM
and society

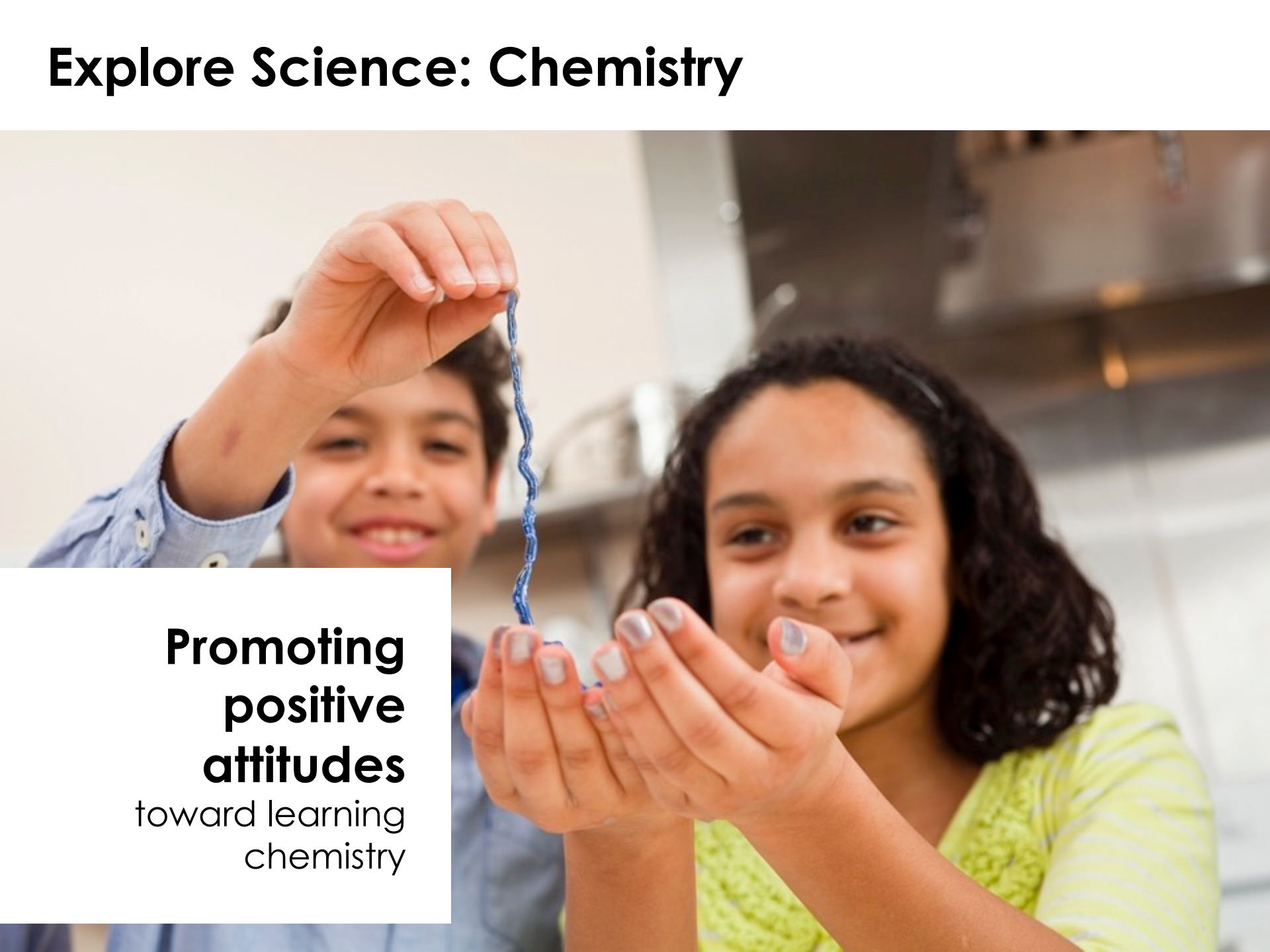


Frankenstein200

**Exploring
creativity**
and responsible
innovation in a
transmedia
environment



Explore Science: Chemistry

A photograph of two children, a boy and a girl, in a chemistry laboratory. The boy, on the left, is holding a thin, wavy filament of blue liquid. The girl, on the right, is smiling and looking at the filament. They are both wearing lab coats. The background shows laboratory equipment, including a fume hood.

**Promoting
positive
attitudes**
toward learning
chemistry

Explore Science: Earth & Space

**Connecting
learners**
to Earth and space
science and experts



PRODUCTS

NISE Net creates **educational materials** for a variety of audiences and settings.

Educational resources

include hands-on activities, public programs, exhibits, and media.



The Network provides **professional development** for educators and scientists.



Professional resources

include meetings, guides, videos, and online workshops.

Our **development process** takes advantage of the deep expertise of our Network and project partners.



Iterative testing

involves educators, scientists, evaluators, partner organizations, and target audiences.

Network resources are open source and freely available to use and adapt.



nisenet.org

provides access to our
online digital library,
monthly newsletter,
and social networking.

IMPACT



50,000,000+

people have been
reached through
Network projects



95%

of visitors reported high
levels of enjoyment at
the Nano mini-exhibition



85%

of Network partners
reached underserved
audiences through
Space & Earth events



2,700+

professionals have
participated in Network
projects



97%

of professionals applied
things they learned from
the Nano project
to other work



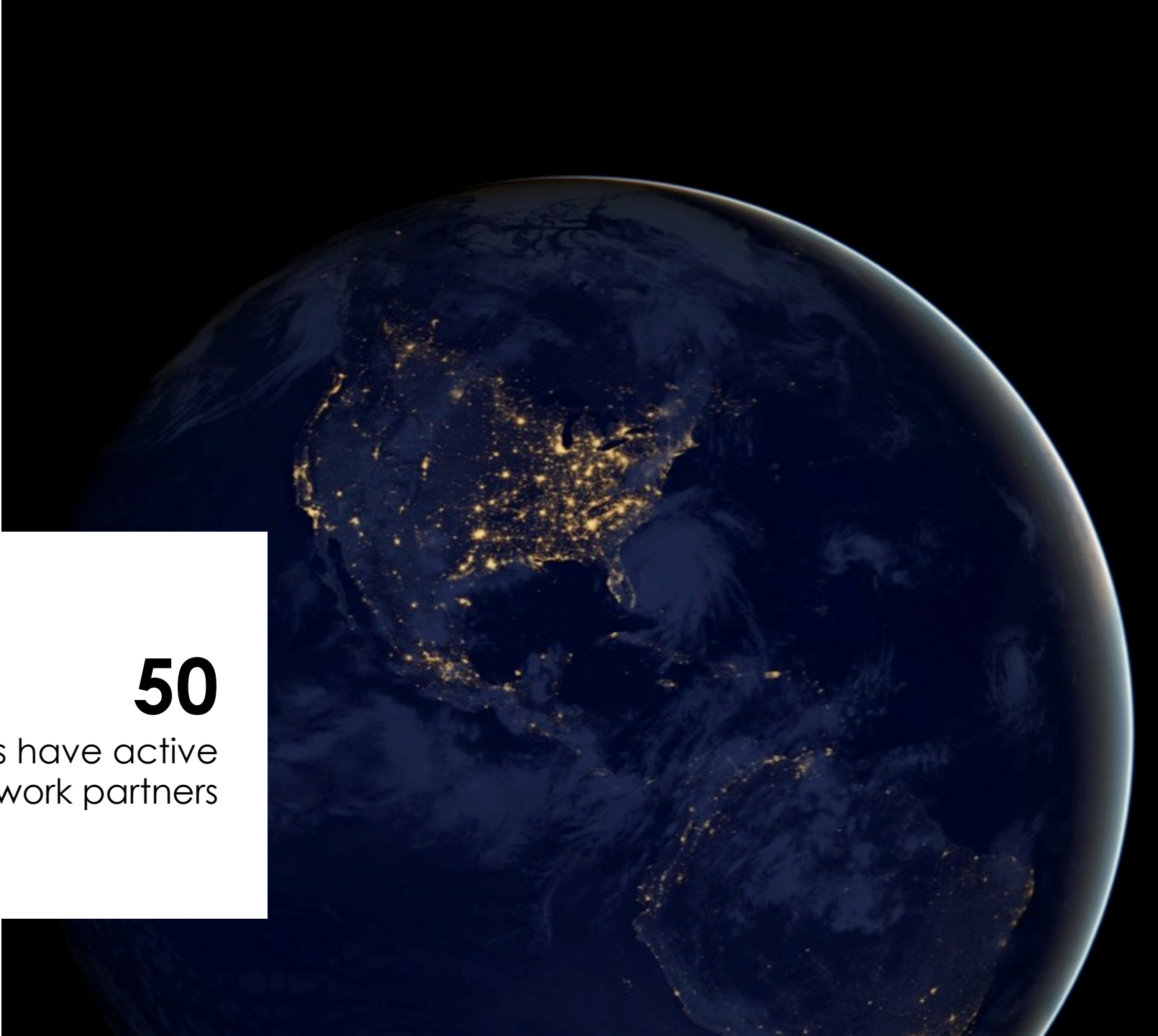
92%

of scientists increased
their public engagement
skills by participating in
Building with Biology



600+

organizations have
participated in Network
projects



50

states have active
Network partners

THANK YOU

Leadership

Arizona State University
Children's Creativity Museum
Children's Museum of Houston
Museum of Life and Science
Museum of Science
Oregon Museum of Science & Industry
Science Museum of Minnesota
Sciencenter
The Franklin Institute
Tulsa Children's Museum
University of California Berkeley

Advisors

Afterschool Alliance
Association of Children's Museums
Center for the Advancement of Informal STEM Learning,
Association of Science-Technology centers
National Girls Collaborative Project

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