
NISE
NATIONAL INFORMAL
STEM EDUCATION
NETWORK
nisenet.org
CARSON

WELCOME

NISE Network Partner Breakfast

ASTC 2017

Agenda

Presentation

Network overview
Current projects
Year in review

Discussion

Future directions

NISE NETWORK

NISE Net is the National Informal STEM Education Network.

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

The Network engages all audiences in learning about STEM in ways that are fun and accessible.

NISE Net improves the practices and skills of educators and scientists.

NISE Net seeks to broaden participation in STEM learning—at home, at school, and in the community.

Together we reach millions of people each year!

Network projects leverage the relationships and infrastructure we have built.

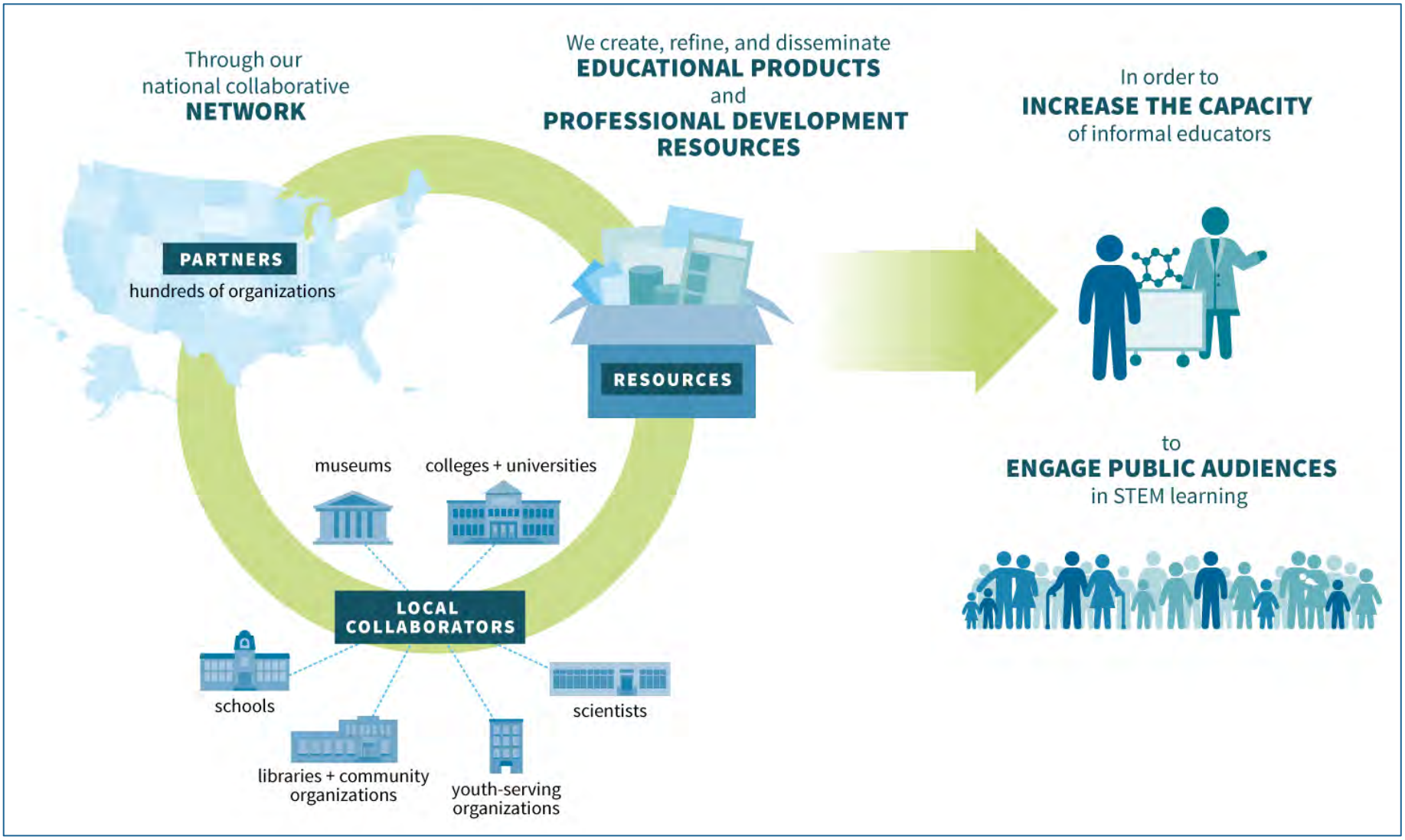
Our projects tackle challenging problems and develop relevant knowledge, tools, and practices.

Network partners use project resources to engage local audiences in many different ways.

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

Partners share their innovations across the Network through in-person and online gatherings.

NISE Net advances the field of informal learning and empowers communities across the country.



Professionals from diverse organizations lead the Network.

LEADERSHIP

R. Ostman, Arizona State University (Director)
L. Bell, Museum of Science
P. Martin, Arizona State University
M. Benne, Oregon Museum of Science & Industry
I. Bennett, Arizona State University
M. Dahlager, Science Museum of Minnesota
J. Das, The Franklin Institute
E. Kollmann, Museum of Science
M. Kortenaar, Sciencenter
C. McCarthy, Science Museum of Minnesota
K. Ostfeld, Children's Museum of Houston
C. McCallum, Children's Museum of Houston
D. Porcello, University of California Berkeley
D. Sittenfeld, Museum of Science
R. Vandiver, Tulsa Children's Museum
J. Wetmore, Arizona State University

REGIONAL HUBS

B. Herring, Museum of Life + Science
A. Jackson, Sciencenter
F. Kusiak, University of California Berkeley
C. Leavell, Science Museum of Minnesota

ADVISORS

M. Ballard, Afterschool Alliance
J. Bell, CAISE
L. Huerta Migus, Association of Children's Museums
K. Peterson, National Girls Collaborative Project

PROJECTS

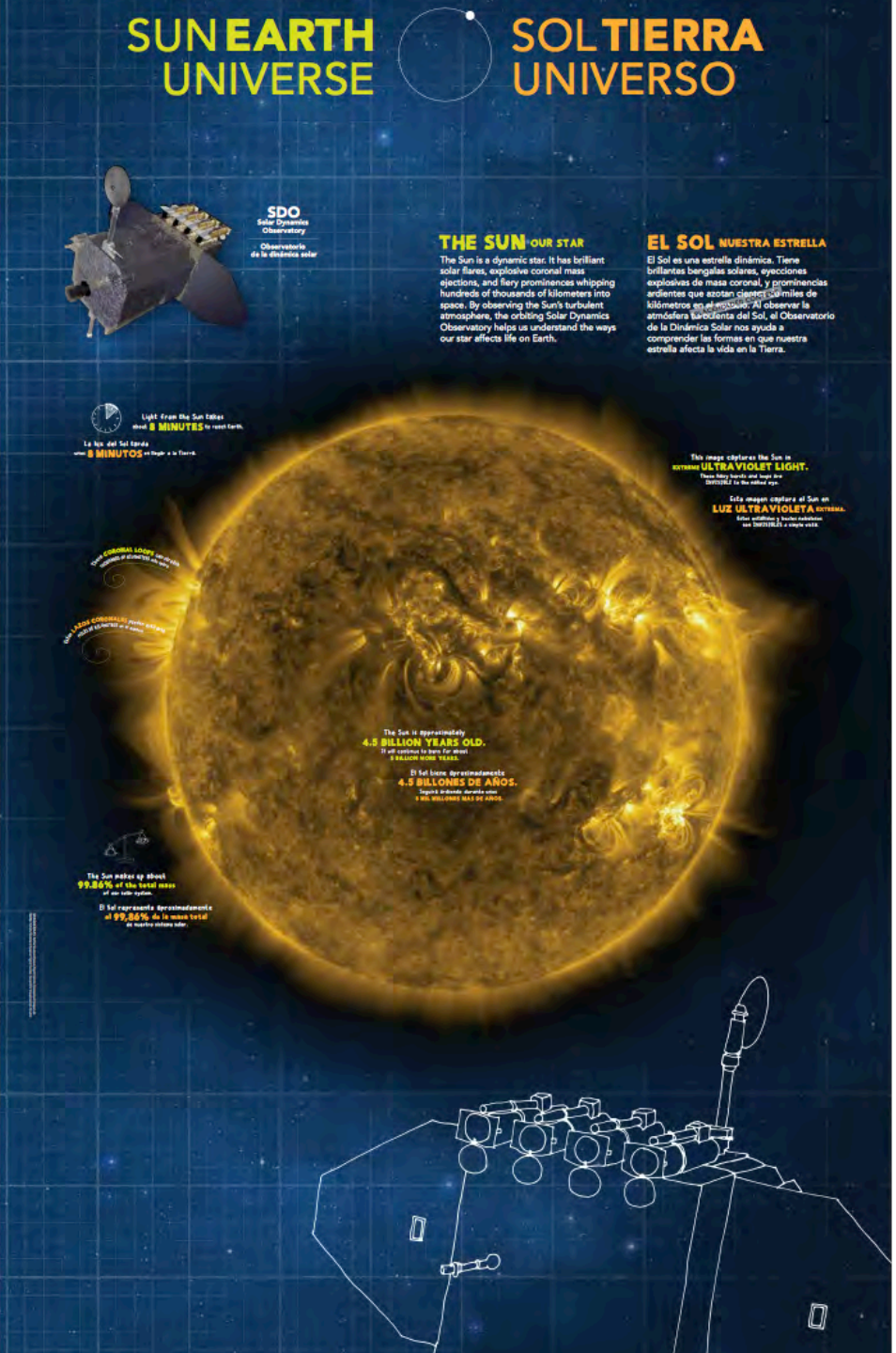
Space & Earth Informal STEM Education (SEISE)

Creating authentic STEM learning experiences that connect learners to NASA content and experts

Space & Earth Informal STEM Education (SEISE)

250 toolkits with hands-on activities and professional resources

Toolkit applications due on November 1, 2017



Space & Earth Informal STEM Education (SEISE)

50 small-footprint exhibitions

More information and applications in early 2018

Building with Biology

Bringing researchers and public audiences together to talk about synthetic biology through hands-on activities and public forums

Building with Biology

Public forum on editing the human genome available fall 2018 on nisenet.org

Frankenstein200

Studying transmedia learning that occurs across hands-on activities, immersive digital games, and online challenges

Frankenstein200

Digital kit available at nisenet.org/frankensteinkit

Alternate reality game and more activities January, 2018 at frankenstein200.org

Instructables contest May, 2018 at instructables.com/contest

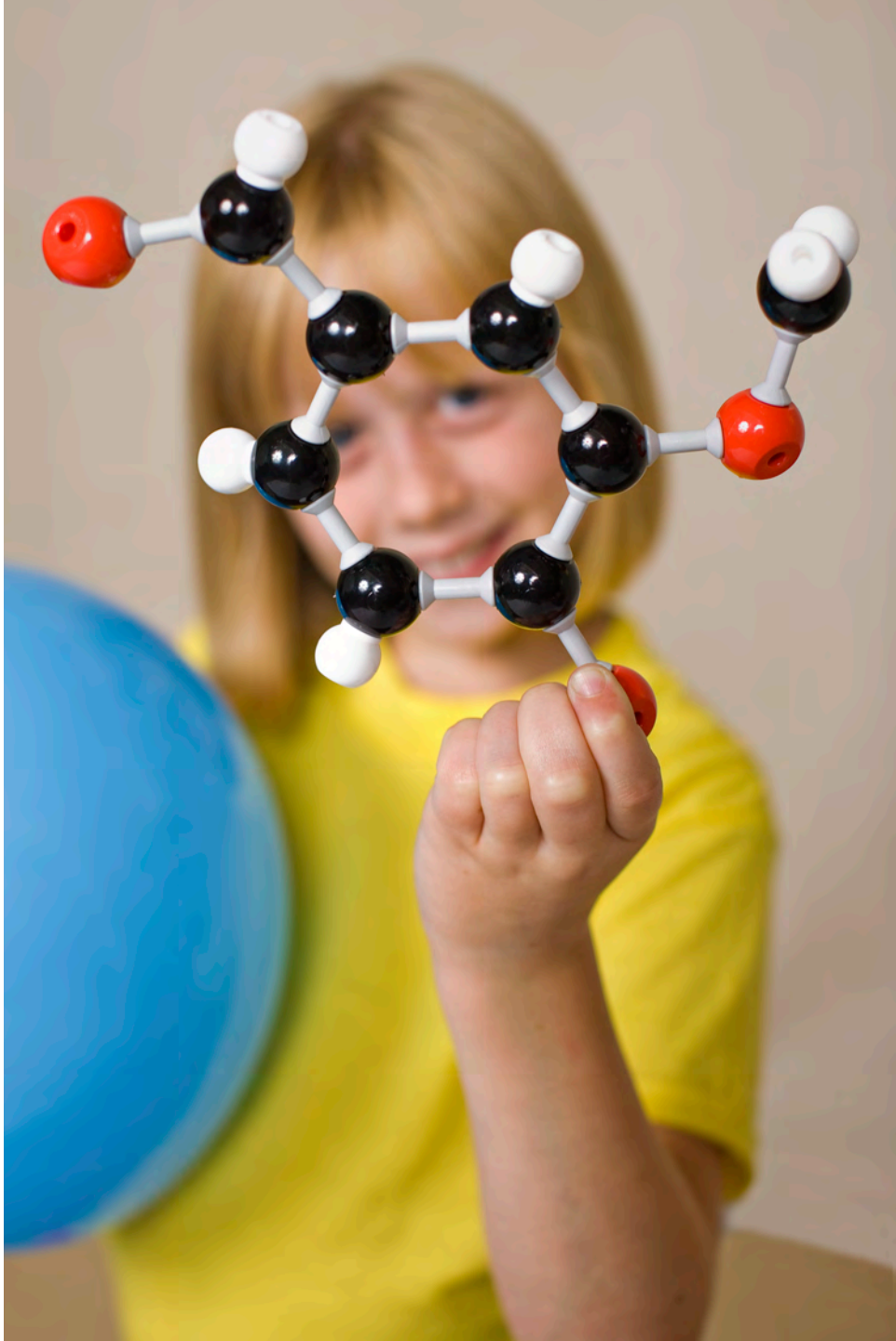
ChemAttitudes

Investigating design principles and facilitation techniques that support learners' interest, relevance, and self-efficacy in chemistry

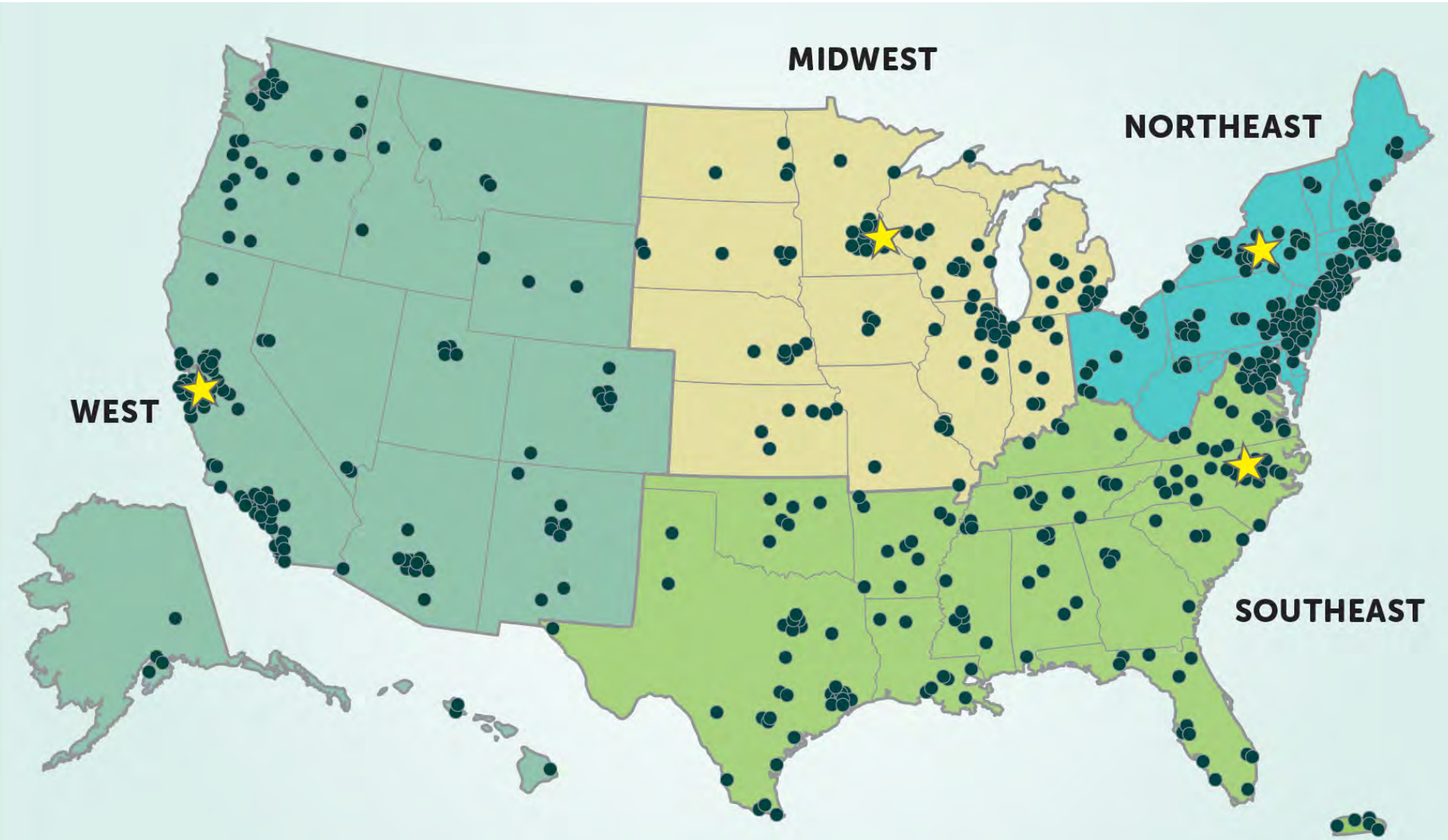
ChemAttitudes

250 kits with hands-on activities and professional resources

Applications due around June 1, 2018



For these and other opportunities, regional hub leaders are your connection to the Network!



nisenet.org/contact

YEAR IN REVIEW

5

active Network projects and dissemination partnerships

50,000,000+

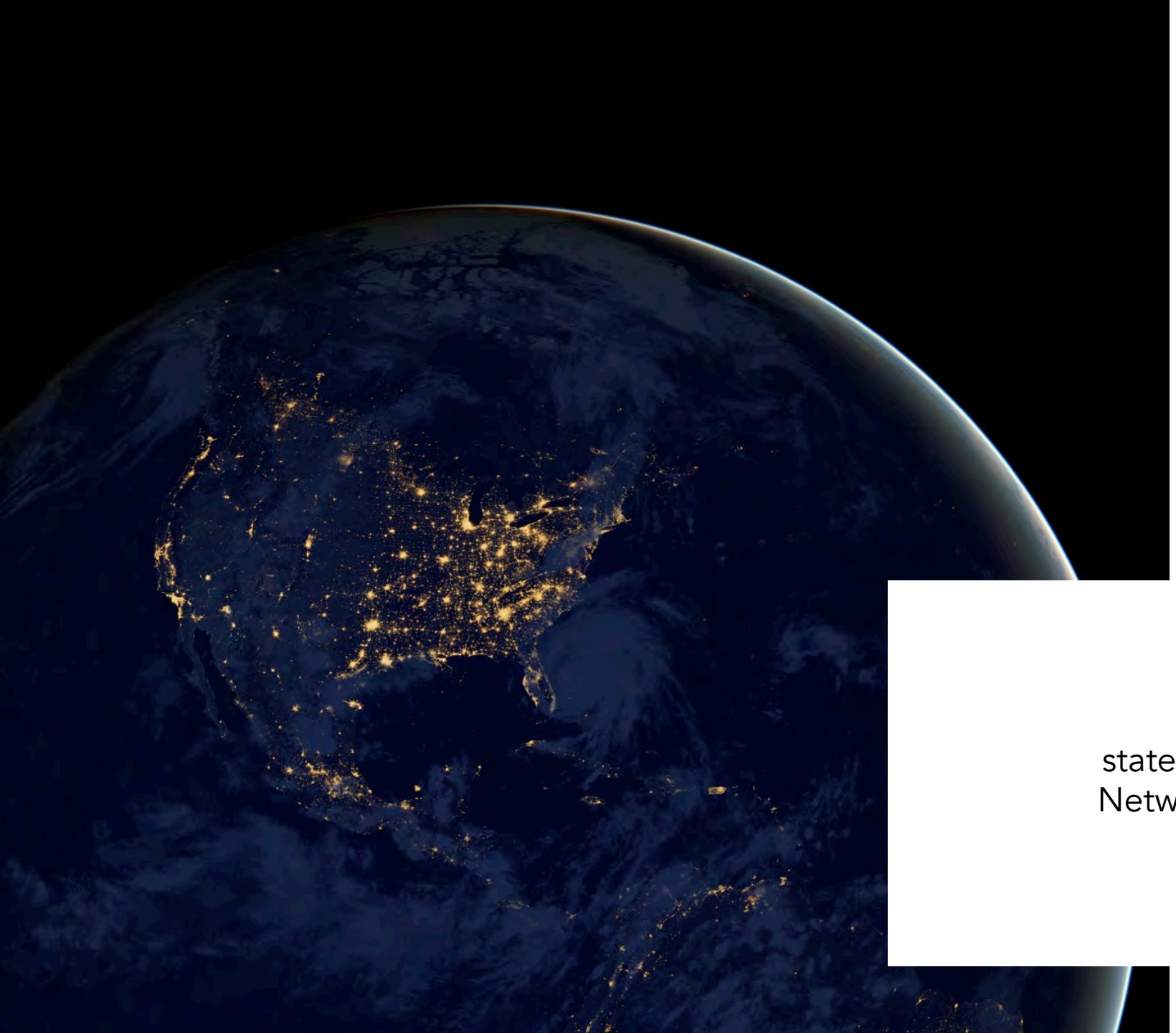
people reached through the Nano project

2,700+

professionals participated in the Nano project

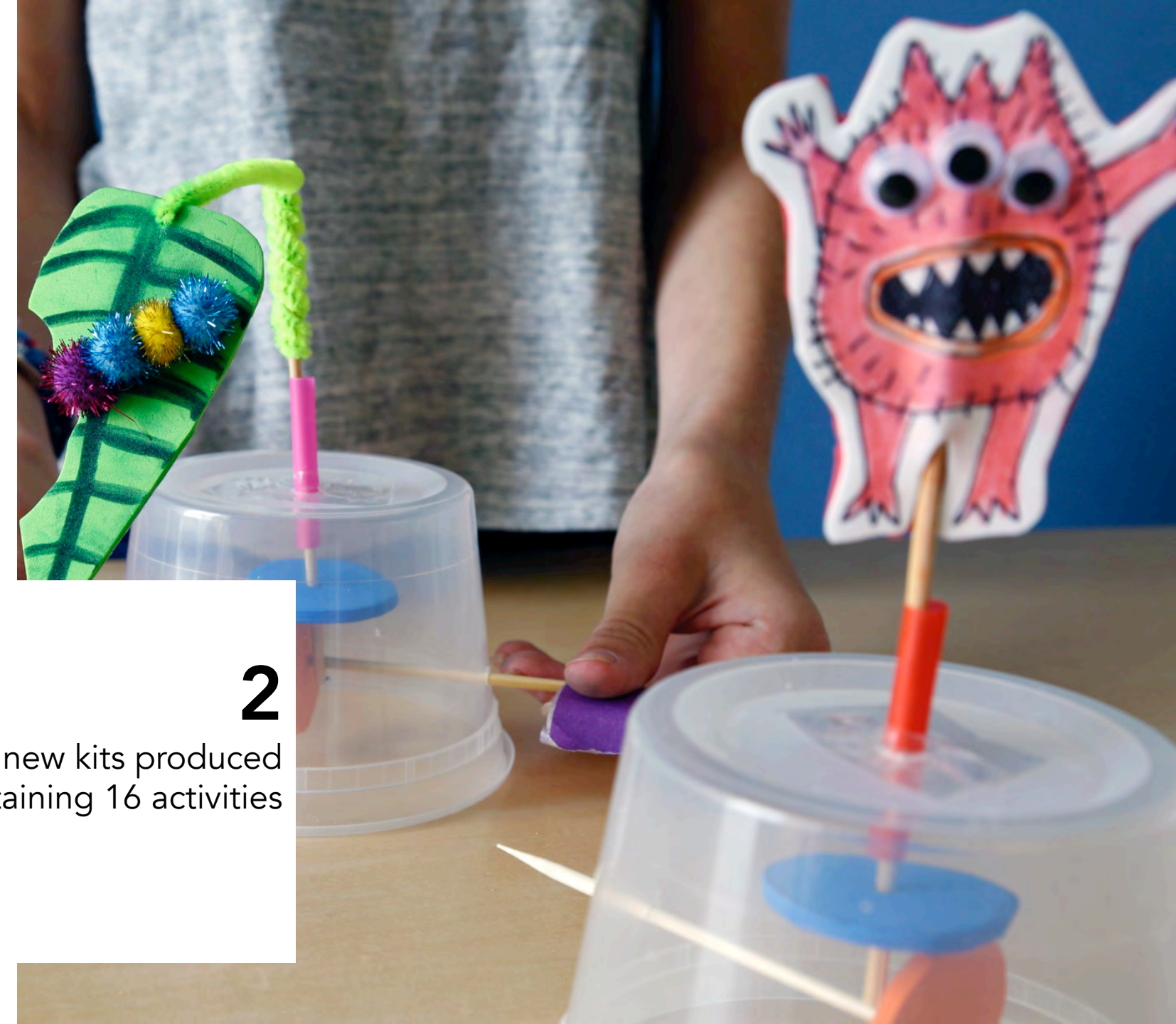
350

organizations participated in new Network projects



50

states with active
Network partners



2

new kits produced
containing 16 activities

54,602,768

people visited Space & Earth partner organizations

85%

of partners reached underserved audiences through Space & Earth events

5+

new project ideas
under development

DISCUSSION

Possible future directions

Brain and neuroscience
Civic engagement
Climate resilience
Engaging rural audiences

What else are you interested in doing through the Network?

Discuss at your table!

Please jot notes on the cards and leave them for us.

Thank you

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