NISE NATIONAL INFORMAL STEM EDUCATION NETWORK

PARTNER BREAKFAST

ACM 2019

WELCOME!

Rae Ostman

Director

NISE Network

Co-Director, Center for Innovation in Informal STEM Learning

Arizona State University

Contents

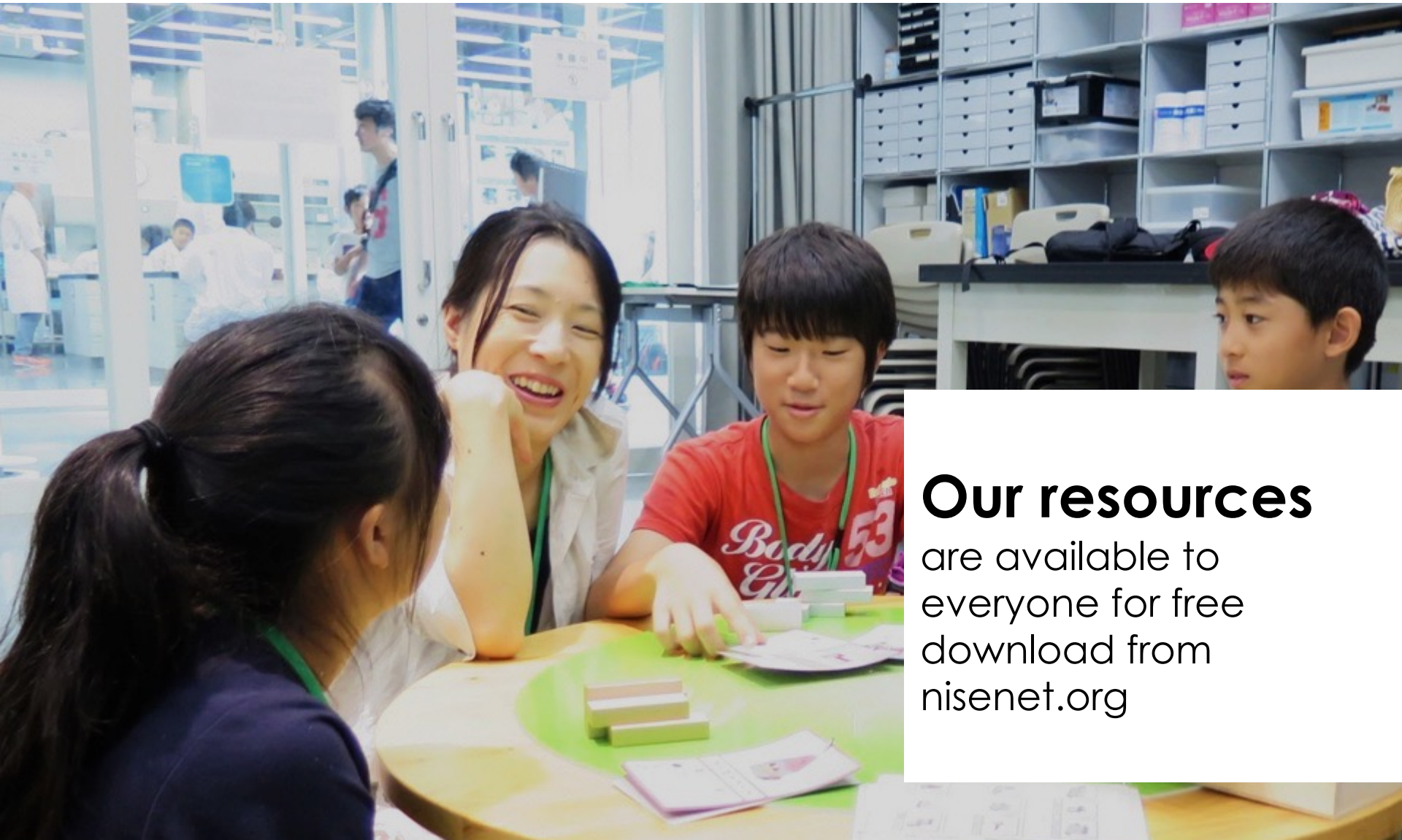
NISE NETWORK

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

Our activities

are fun and accessible for everyone.

We create and share **products and practices materials** with partners around the world.



Our resources

are available to everyone for free download from nisenet.org

Hundreds of organizations participate in the NISE Network, including museums and universities.

Our community

includes educators, researcher/evaluators, and scientists at museums and universities.

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

Local implementation
brings people together to share and learn from each other.

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

NISE Network
relationships, knowledge, and infrastructure support a variety of projects.

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

Our impact
grows each year through the efforts of our partner organizations.

PROJECT HIGHLIGHTS

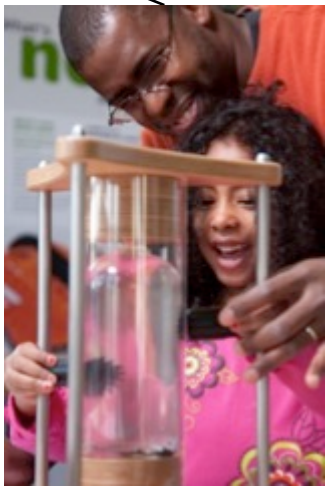
Current projects explore many STEM topics!

Synthetic biology
2014-2018

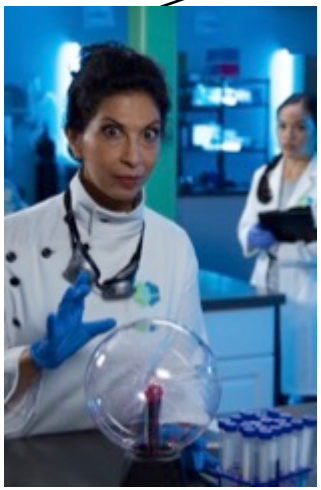
Chemistry
2016-2019

Sustainability
2018-2020

2005 — 2020



Nanotechnology
2005-2017



Innovation
2015-2019

Earth and space
2016-2021

Nanoscale Informal Science Education Network

Building a national network

to engage audiences in learning about current STEM research

Nanoscale Informal Science Education Network

60,000,000

people reached to date
through the Nano project

Building with Biology

Creating dialogue

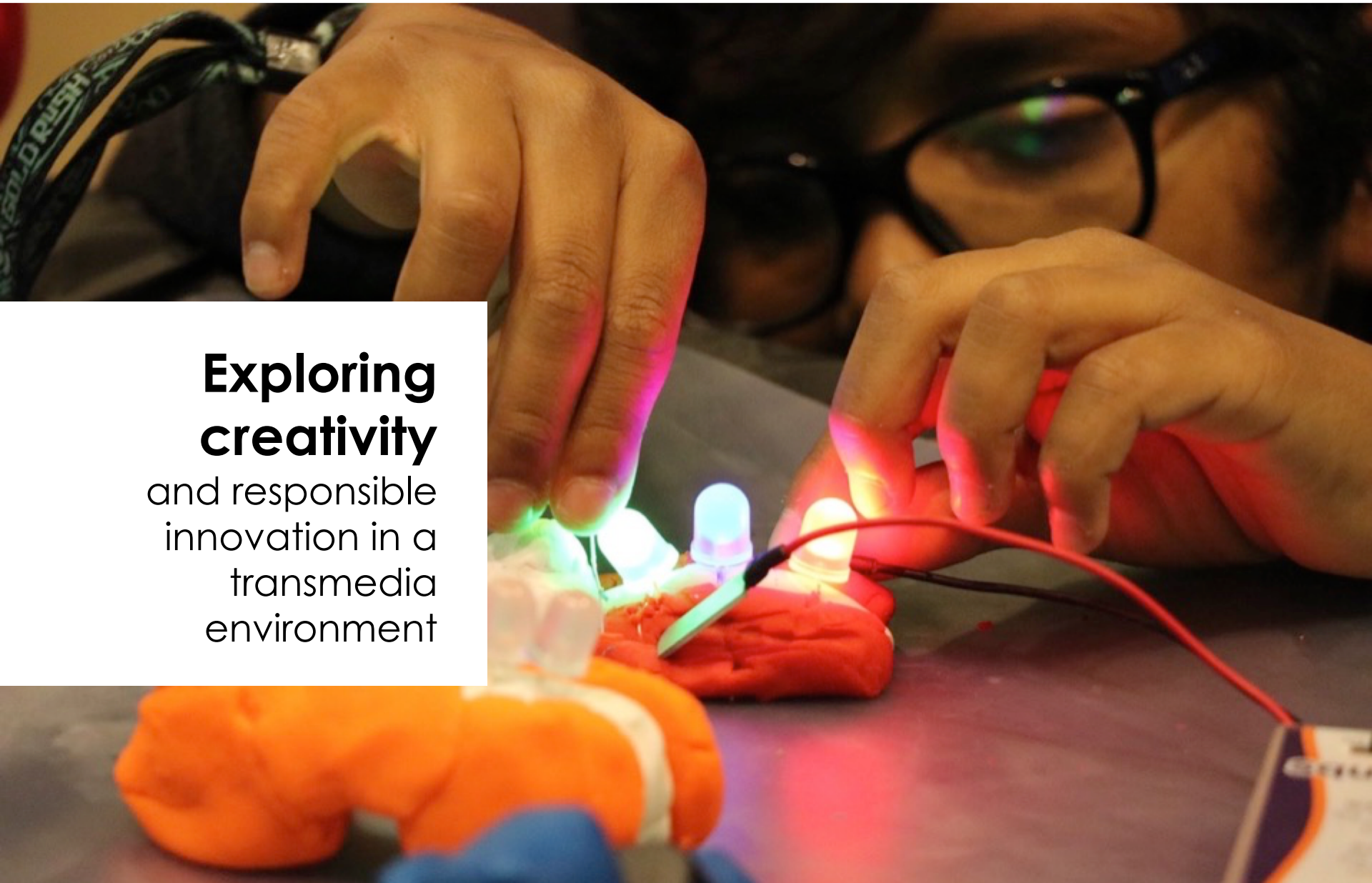
among researchers, educators, and public audiences about STEM and society

Building with Biology

90% +

of participants at public events did an activity, talked to a scientist, and asked a volunteer a question

Frankenstein200



Exploring creativity
and responsible innovation in a transmedia environment

Frankenstein200

90% +

of family visitors describe the hands-on activities as “fun” and “imaginative”

Space & Earth Informal STEM Education

Connecting learners
to authentic Earth and space science and experts

Space & Earth Informal STEM Education

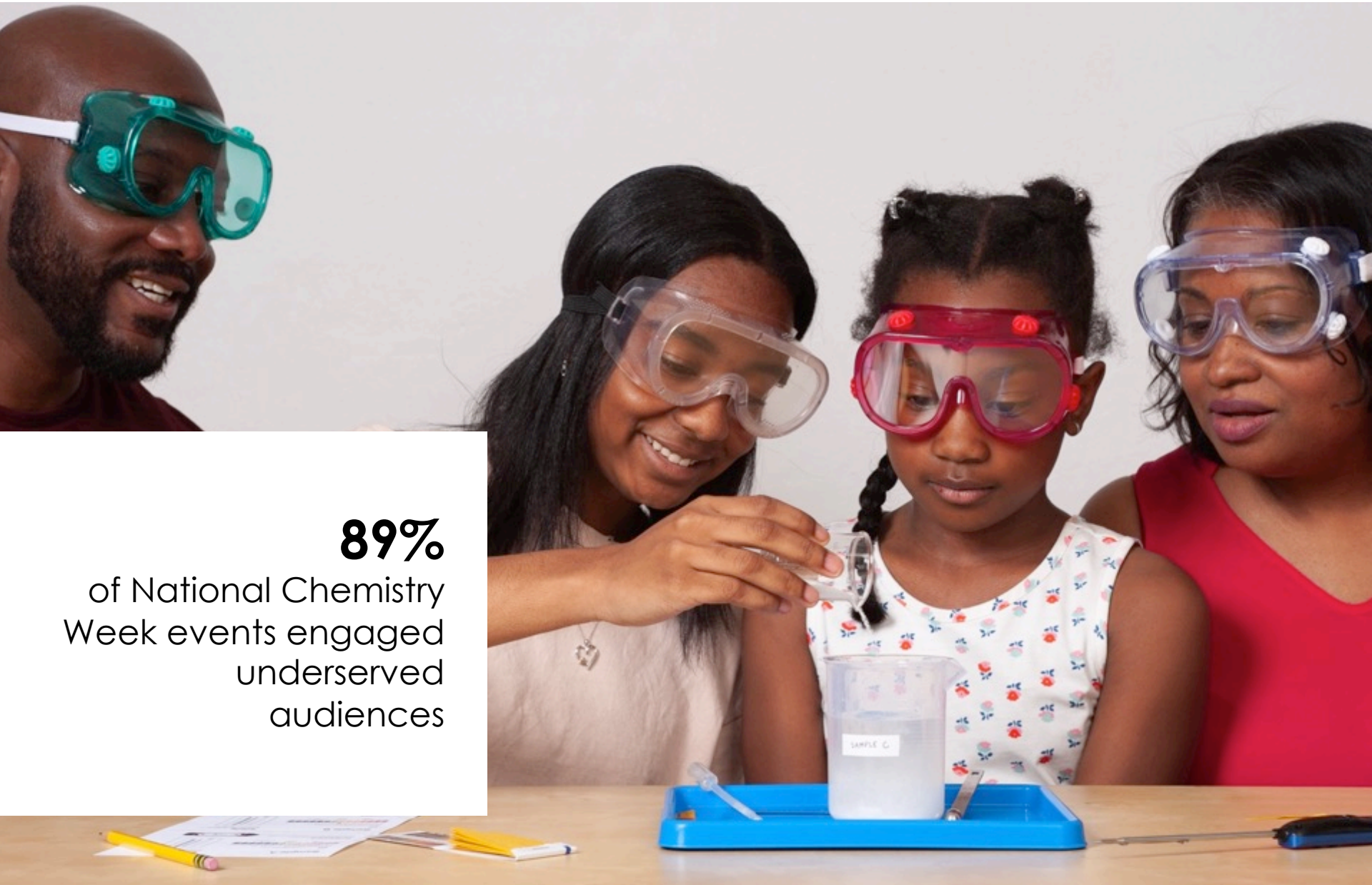
3,400,000

people reached
through the
Earth & Space project

Explore Science: Let's Do Chemistry

Promoting positive attitudes
toward learning chemistry

Explore Science: Let's Do Chemistry



89%

of National Chemistry Week events engaged underserved audiences

NEW! Sustainable Futures

Empowering
museums to create future-focused projects related to sustainability

OPPORTUNITIES

Summer, 2019

50th anniversary of Apollo 11 moon landing

More information on Sustainable Futures

Events and resources

nisenet.org

Fall, 2019

Oct. 20-26: National Chemistry Week

Nov. 1: Earth & Space 2020 toolkit application

Please sign in

using the sheets on the tables

Regional hub leaders are your connection to all Network activities!

Get in touch!

Hub leaders:

nisenet.org/contact

nisenet.org has a digital library of our resources available for free download!

nisenet.org

Monthly newsletter
nisenet.org/newsletter

Social networking:
nisenet.org/social

WHAT'S NEXT

Earth and space science
(Years 6-10)

Planning

Paul Martin
Rae Ostman

Brain science and technologies
and their societal implications

Planning

Jayatri Das
Darrell Porcello

Human origins

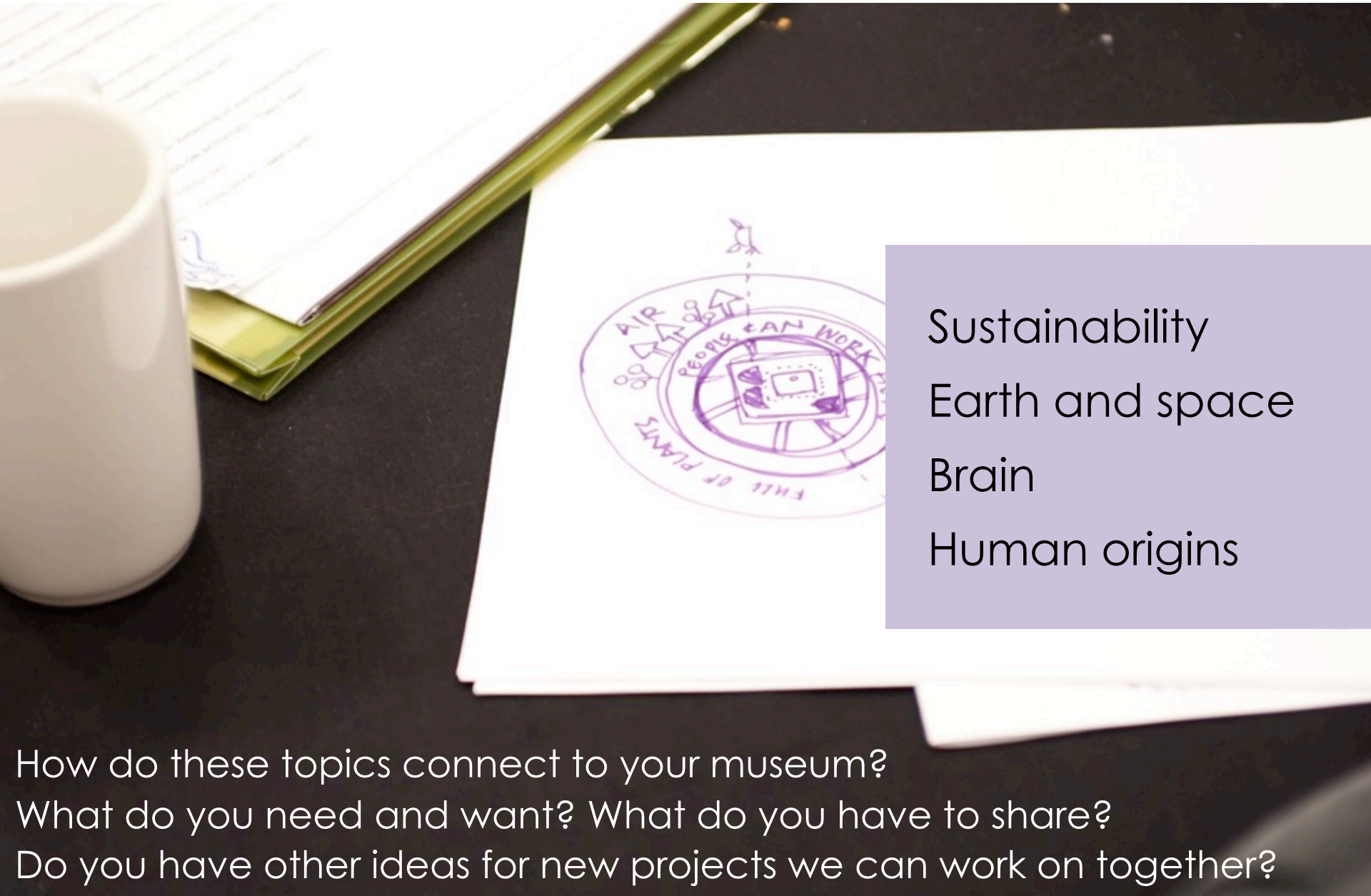
Biological, cultural, and environmental change

Planning

Paul Martin

Rae Ostman

Let us know!



Sustainability

Earth and space

Brain

Human origins

How do these topics connect to your museum?
What do you need and want? What do you have to share?
Do you have other ideas for new projects we can work on together?

THANK YOU

Online digital library:

nisenet.org

Monthly newsletter
nisenet.org/newsletter

Social networking:
nisenet.org/social

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 – Lawrence Hall of Science

Advisors

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

NISE NETWORK

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