Exploring U.S. Federal Funding Opportunities

NIH Science Education Partnership Award (SEPA)

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R25 Research Education
5 years, $1.35M
Any area of NIH basic or medical research
Funding Opportunity Announcement: PAR-20-153 (ended)
Next receipt date May 2023 (est.)
NIH Science Education Partnership Award (SEPA) funding to ASTC members

Duration 1991 – 2021
ASTC Members Funded 51
Estimated total funding $66M

SEPA-funded museum projects, listed on the SEPA website, https://nihsepa.org/
NIH: Museums and Libraries

NIH's mission is to seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability.

SEPA ISE topics may include:

– Any area of NIH-supported basic and medical areas
– After school science activities
– Community health literacy
– Citizen science
– Bio-tinkering and maker movement
NIH consists of 27 Institutes and Centers

FY21 Budget = $43B
NIH consists of 27 Institutes and Centers

Science Center/Museum Funding

FY21 Budget = $43B
Federal Support for Libraries and Museums

In 2021, the Institute of Museum and Library Services (IMLS) awarded $425.7 million through grantmaking, research and policy development, to advance, support, and empower America's museums, libraries, and related organizations.

Apply For a Grant  Manage Your Award

https://www.imls.gov/
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IMLS Generates Impact

<table>
<thead>
<tr>
<th>Grants To States Libraries</th>
<th>Library Services</th>
<th>Museum Services</th>
<th>Other Initiatives</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 Awards  $168.8M Awarded</td>
<td>286 Awards  $32.3M Awarded</td>
<td>275 Awards  $42.6M Awarded</td>
<td>88 Awards  $181.9M Awarded</td>
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</tbody>
</table>

943 Applications / $154.03M Requested
531 Applications / $97.96M Requested

$155K per award

https://www.imls.gov/
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SEPA-funded museum projects, listed on the SEPA website:
[https://nihsepa.org/](https://nihsepa.org/)

$1.30M per award
The SEPA Program

The Science Education Partnership Award (SEPA) Program funds innovative pre-kindergarten to grade 12 (P–12) science, technology, engineering and mathematics (STEM) and Informal Science Education (ISE) educational projects. SEPA projects create partnerships among biomedical and clinical researchers and teachers and schools, museums and science centers, media experts, and other educational organizations. SEPA K–12 resources target state and national K–12 standards for STEM teaching and learning and are rigorously evaluated for effectiveness. SEPA is sponsored by the National Institute of General Medical Sciences (NIGMS), a component of the NIH.

https://www.nigms.nih.gov
https://nihsepa.org/

Filter by state: Oregon

Interactive Family Learning in Support of Early Brain Development
Oregon Museum of Science and Industry, Portland OR
R250D023738-01 : 09/07/2017 - 07/31/2022

The Zoo in You: Exploring the Human Microbiome
Oregon Museum of Science and Industry, Portland OR
R25RR032210-01 : 03/01/2011 - 02/29/2016
Your body is home to trillions and trillions of microbes. Explore the "zoo" inside of you in this traveling exhibit, produced by the Oregon Museum of Science and Industry (OMSI) and funded by NIH SEPA.
Interactive Family Learning in Support of Early Brain Development (2017-2022)

hps://omsi.edu/products/brain-at-play-family-learning-brain-development

SEPA SCIENCE EDUCATION PARTNERSHIP AWARD
Supported by the National Institutes of Health

OMSI Everyday Encounters with Science
SEPA #1 (2002-2007)

Genetics: Technology with a Twist

- Built a permanent exhibition
- Established a program to bring Stanford graduate student volunteers to the museum
- Created an understanding genetics website
SEPA #2 (2017-present)

Biohealth Learning Lab and Makerspace for the Community

- Activate and test a museum bio-makerspace
- Develop and evaluate a cohort of novel hands-on experiences
- Create resources for replication

PI: Anja Scholtz
Microscope Imaging Station
http://www.exploratorium.edu/imaging-station/
2000 - 2005

PI: Charlie Carlson

Blood:
The body's vital defense force
Cut your finger? Out flows a superb infection-fighting, wound-healing stream.
Microscope Imaging Station
http://www.exploratorium.edu/imaging-station/
2000 – 2005 → 2022

PI: Charlie Carlson

Zebrafish
A model for heart development

Blood:
The body's vital defense force
Cut your finger? Out flows a superb infection-fighting, wound-healing stream.
Range of SEPA-Funded ISE

The Phenomenal *Genome*
Exploratorium, San Francisco CA
2019

The Exploratorium *Digital Teaching* Box Project: A Professional Development Tool
Exploratorium, San Francisco CA
2014

Preventable Differences: Exploring *Public Health Careers* with Black and Latino Youth
New York Hall of Science, Flushing Meadows-Corona Park NY
2021

Transmission: Astonishing Tales of *Human-Animal Diseases*
New York Hall of Science, Flushing Meadows-Corona Park NY
2016

Other SEPA projects in 2000, 2008

National *Traveling AIDS Exhibit* and Education Program
New York Hall of Science, Flushing Meadows-Corona Park NY
1991
Science Café – Public Outreach

Human Health Biodiversity and Microbial Ecology: Strategies to Educate

American Museum of Natural History, New York NY

2014
Human Health Biodiversity and Microbial Ecology: Strategies to Educate

American Museum of Natural History, New York NY

2014

Other OMSI Pub Forum topics:
- Epigenetics
- Stem Cells
NIH consists of 27 Institutes and Centers

FY21 Budget = $43B
The Office of Communications and Public Liaison (OCPL) oversees communications on NIH programs and activities to the public, the media, and stakeholder communities.

OCPL coordinates its activities with communication offices in the NIH’s 27 Institutes and Centers.

Department of Health and Human Services
Part 1. Overview Information

Participating Organization(s)
National Institutes of Health (NIH (http://www.nih.gov))

Components of Participating Organizations
National Institute of General Medical Sciences (NIGMS (http://www.nigms.nih.gov))

Funding Opportunity Title
NIH Science Education Partnership Award (SEPA)(R25)

Funding Opportunity Announcement (FOA) Number
PAR-20-153