2017 Competitive Program for Science Museums, Planetariums and NASA Visitor Centers (CP4SMPVC)

Disclaimer and Technical Note: Nothing in this presentation should be considered as a revision or amendment to the NRA. If there is a revision or amendment, it will be formally identified as such and posted to the CP4SMPVC Portal page at http://nspires.nasaprs.com.

Pre-Proposal Teleconference

For

NASA Research Announcement (NRA) NNH17ZHA002N
Catalog of Federal Domestic Assistance (CFDA) Number: 43.008
April 10, 2017
Welcome and Thank You for Joining Us Today

CP4SMPVC NRA Team
NASA Office of Education
Bev Girten, NASA HQ, Lead Technical Officer and Director, Institutional Engagement
Tammy Rowan, MSFC, Selection Official
Stephanie Brown-Houston, GRC, Technical Officer
Libby Romaguera, NASA Shared Services Center, Grant Officer,
Leslie Lowes, JPL, CP4SMPVC Co-Manager
Amelia Chapman, JPL, CP4SMPVC Team
This telecon is being recorded

- If you do not agree, please hang up now.
- The recording is intended to help NASA capture questions so we may provide written answers.
- NASA intends to keep the names and affiliations of non-NASA telecon participants confidential. When speaking for the tape please do not identify yourself or your organization by name.
Hearing impaired?

• For relay services for the hearing impaired, call 711 at least 30 minutes before the call is to begin.

• A transcript of this call will be posted on the NSPIRES website for this NRA


For more information on relay services refer to

https://www.fcc.gov/guides/711-telecommunications-relay-service
Calling from a U.S. Territory

• If callers from U.S. territories are unable to call into the teleconference using the toll-free number, they may call toll number: 1-517-308-9112 and use the same passcode (8165555).

• A transcript of this call will be posted on the NSPIRES website for this NRA

Please save your questions until the end of telecon

• The intent of this presentation is to anticipate and answer questions.

• Any unanswered questions will be recorded at the end of the telecon for written responses via the FAQs posted on NSPIRES.

• Send questions to: CP4SMP@jpl.nasa.gov
Why ask today’s participants for names, organizations, and states?

NASA may need statistics to advise Congress, the White House, the Government Accountability Office, or policymakers regarding which states have an interest in CP4SMPVC. The telecon helps NASA anticipate how many (and which) organizations may propose. Organization count is also helpful for estimating how many external reviewers may be needed.
Agenda

• Welcome (Lowes, Girten)
• NSPIRES Overview (Althia Harris, NASA Research and Education Support Services)
• CP4SMPVC Competition Overview (Girten and Lowes)
• Equal Opportunity (EO) Resources and Audit (David Chambers, NASA Office of Diversity and Equal Opportunity)
• Pre-Telecon FAQs (Girten)
• Question Collection Session (Callers)
• Back Up Slides: includes Appendix R: Other Opportunities (Girten)
Why a recorded telecon/transcript and not direct telephone calls/meetings?

- Per Direction by Headquarters Legal and Procurement Officials, the NRA Technical Officers are not allowed to interpret the NRA for potential proposers.
- The “no-direct-contact” practice helps to foster open competition. (We understand and regret that it also makes it harder to write a proposal.)

What to do when you can’t find something in the very long NRA …

- When you think something is (or should be) in the NRA, but you can’t remember where, use the “find” function with a key word (e.g., evaluation) to search for your answer. This works in the Amendments and the FAQs too!
What if proposers have questions about the NRA?

Ask questions in writing only—no phone calls—send to cp4smp@jpl.nasa.gov.

Frequently Asked Questions (FAQs) are/will be posted online via the NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES) website at http://nspires.nasaprs.com.

When new FAQs are posted, a weekly notice is sent via the NASA Education Express listserv.

To subscribe to NASA Express, go to http://www.nasa.gov/education/express.

Direct Link to the CP4SMPVC Portal Page on NSPIRES:

Still have questions?

• Send questions about the NRA to cp4smp@jpl.nasa.gov.
• See lists of Points of Contact in Appendix D if you have questions about where to find information on the NASA website, which Center does which work, etc.
• See slide 13 in this presentation if you want to partner with someone at NASA.
POCs may not pre-review or co-write CP4SMPVC proposals, nor be listed as team members

Points of Contact for NASA Mission Directorates, Centers, and Support Offices
Prospective proposers are encouraged to contact the CP4SMPVC Points of Contact (POC) in the mission directorates, centers, and support offices for general information about NASA missions, science, technology, facilities, and education programs. Questions relating to what is considered NASA scientific or technical content eligible for projects submitted to this solicitation should be directed to the appropriate contacts identified in Appendix M. Please note that CP4SMPVC POCs or any other NASA or JPL personnel are not permitted to pre-review or co-write CP4SMPVC proposals.

The POCs are not eligible to be listed as key team members in any proposal submitted to this NRA: NASA personnel and contractors have the option (not obligation) to respond to a proposer who desires to estimate the costs to include non-specific NASA resources (human or material) in a proposed project. Such cursory budget-related assistance does not commit NASA to the proposed project. For more information about how to document a specific NASA commitment (for example a named individual or facility) to a proposed project, see Appendix K Statements of Commitment and Letters of Support. A funded partnership with NASA is not required for an entity to submit a proposal to or to be selected for an award under the CP4SMPVC NRA.
Q: How can NASA partner in a proposed activity?

A: This question is addressed in Section 1.3.1.2 Integration with NASA and other NASA Education and/or Mission Activities, Section 2.6, Proposal Funding Restrictions, and Section 3.5, Interactions, Collaborations, and Partnerships with NASA

- Projects are strongly encouraged to propose partnerships with relevant NASA entities (directorates, offices, centers, etc.)
- Proposers requesting access to NASA technical services or materials shall contact the NASA Centers (excluding JPL) from which services or materials will be requested in order to ascertain the availability and anticipated costs of such services or materials.
Q: How can NASA partner in a proposed activity (continued)?

• **A (continued):** Requests for funds for federal partners should be modest; i.e., not more than 25% of the total proposed project’s budget. Furthermore, the proposing institution may not request nor receive indirect costs on the amount budgeted for NASA Centers or other Federal entities. Proposers requesting NASA technical services or materials must contact the NASA Centers from which services or materials will be requested in order to ascertain the availability and anticipated costs of such services or materials.

• **Also NRA page 54: Note:** If a particular contribution of a partnering institution, including any NASA Center, is essential to the performance of the proposed project, then a letter of commitment outlining and confirming that commitment, signed by a management official authorized to commit that institution, shall be submitted with the proposal’s required forms and certificates. Each commitment letter shall refer to the NRA, and indicate agreement with the nature of the collaboration and state the specific resources being committed.
Management Team – 2017 CP4SMPVC NRA

- NASA Headquarters Office of Education
  - Institutional Engagement Line of Business Director: Bev Girten (telecon co-host)
- NASA Glenn Research Center
  - Education Program Specialist: Stephanie Brown-Houston (telecon co-host)
- Jet Propulsion Laboratory (JPL)
  - CP4SMPVC Management Team
    - Acting Co-Manager: Leslie Lowes, Education Specialist, Amelia Chapman (telecon co-hosts)
- NASA Research and Education Support Services (NRESS):
  - Althia Harris (SGS)

- See Appendix M for Points of Contact at the NASA Field Centers; also for Liaisons in NASA Mission Directorates and Offices.
NASA SOLICITATION AND PROPOSAL INTEGRATED REVIEW AND EVALUATION SYSTEM
Who uses NSPIRES

- Science and technology research community
- Commercial organizations
- Educational organizations
- Federal Agencies
- Non-U.S. organizations
- Nonprofit, nonacademic organizations
- General public
What is NSPIRES?

NSPIRES is the computer system that facilitates the conducting of business with NASA for the education, science and technology research community.

This web-based system supports NASA’s solicitations from the release of announcements through the peer review and selection processes.
NSPIRES supports the entire life-cycle of the NASA solicitations. CP4SMPVC Process Below

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Release Solicitation</td>
</tr>
<tr>
<td>2</td>
<td>Receive and Process Proposals</td>
</tr>
<tr>
<td>3</td>
<td>Set Up On-Line Review/ Assign Reviewers Per NRA Team Direction</td>
</tr>
<tr>
<td>4</td>
<td>Notify Reviewers of Assignments by email/Reviewers Must Access NSPIRES to See Assignments</td>
</tr>
<tr>
<td>5</td>
<td>Check for Conflict of Interest (US CS) &amp; Non-Disclosure Agreement (Non-US CS)</td>
</tr>
<tr>
<td>6</td>
<td>Reviewers independently submit scores with comments in NSPIRES</td>
</tr>
<tr>
<td>7</td>
<td>Set Up Panel (Peer Reviewers) Meeting</td>
</tr>
<tr>
<td>8</td>
<td>Panel Evaluation (Summary) Documentation</td>
</tr>
<tr>
<td>9</td>
<td>External Peer Review Materials Provided to NASA Civil Servants for Selection Consideration</td>
</tr>
<tr>
<td>10</td>
<td>Decision Notifications e-mailed to PI/AOR who Log into NSPIRES to see the results</td>
</tr>
<tr>
<td>11</td>
<td>Technical Requirement Packages to NASA Procurement</td>
</tr>
<tr>
<td>12</td>
<td>Selection information sent to NSSC</td>
</tr>
</tbody>
</table>

4/10/17  2017 CP4SMPVC Pre-Proposal Teleconference
NSPIRES Solicitations – Non Members

**Solicitations**

**Solicitations Closing in Next 30 Days**

<table>
<thead>
<tr>
<th>Title</th>
<th>Solicitation</th>
<th>Released</th>
<th>NOT Due</th>
<th>Proposal Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Draft AO for SOFIA Second Generation Instruments</td>
<td>NHH12DA0091</td>
<td>12/15/2010</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>EPO Implementation Plans for Missions Extended by Astrophysics Senior Review 2010</td>
<td>AS060</td>
<td>12/13/2010</td>
<td>--</td>
<td>01/24/2011</td>
</tr>
<tr>
<td>Explorer 2011</td>
<td>NHH12DA0020</td>
<td>11/01/2010</td>
<td>--</td>
<td>02/16/2011</td>
</tr>
<tr>
<td>NASA Earth and Space Science Fellowship/11</td>
<td>NESF11</td>
<td>11/01/2010</td>
<td>--</td>
<td>(See Announcement)</td>
</tr>
</tbody>
</table>

**View Solicitations**

- **Open Solicitations**
  View open NASA research announcements. The full text of the solicitation announcement can be viewed and downloaded.

- **Closed Solicitations**
  View closed NASA research announcements. The full text of the solicitation announcement can be viewed and downloaded.

- **Future Solicitations**
  View forthcoming NASA research announcements. The full text of the solicitation announcement can be viewed and downloaded.

- **Past Solicitations and Selection Dates**
  View NASA announcements from past years. The full text of the solicitation announcement can be viewed and downloaded. Find information on selected proposals.

**NSPIRES has four states for Solicitations:**

- **Open Solicitations**
- **Closed Solicitations**
- **Future Solicitations**
- **Past Solicitations and Selection Dates**
NSPIRES has four modules:

- Account Management
- Proposals
- Peer Reviews
- Organization Management
Account Management Module

Once you are an NSPIRES member this module allows you to:

- Update your personal profile
- Manage your own account
- Affiliate or associate with an organization
- Sign up to receive notifications

Account Management

Use the following options to update your personal account information and preferences.

- **Change Username**
  Update your NSPIRES login name.

- **Change Password**
  Select a new password for your account.

- **Challenge Question**
  Change or update challenge question.

- **Address Book**
  Add, change or delete addresses, email addresses and phone numbers.

- **Personal Profile**
  Update/edit your personal information

- **Affiliations**
  Add, change or delete affiliations.

- **Email Subscriptions**
  Subscribe or unsubscribe to NSPIRES/NASA mailing lists.

- **Associations**
  Add or change associations.
This module allows you to:

- Create and Submit NOIs.
- Create Proposals
- View and edit NOIs and Proposals.
- View the status and history of submitted proposals.

Title becomes a link
Organization Management

This module allows you to:

- Register an organization in NSPIRES
  Only the EBPOC (Electronic Business Point of Contact) of an organization can perform this function

- Manage an organization account
  Manage affiliation requests, users, organization profile and proposals
Rules for submitting a proposal

- Principal Investigators (PIs) must affiliate with an NSPIRES-registered organization.

- An affiliation can be requested at any time during or after registration.

- Principal Investigators must link their proposals to an affiliated organization.

- The organization’s Authorized Organizational Representative (AOR) then approves and submits proposals directly to NASA.
NSPIRES can help you search for NASA opportunities and funded activities.

NSPIRES allows the creation and submittal of NOIs/Proposals electronically.

NSPIRES allows viewing of the status and history of submitted proposals.

NSPIRES allows the electronic reviewing of proposals.
Help Desk support:
- From 8:00 am to 6:00 pm Eastern Time Monday-Friday except Federal Holidays
- 202-479-9376
- NSPIRES-Help@nasaprs.com
- http://nspires.nasaprs.com/external/
Need help submitting to Grants.gov?


- Note: The NSPIRES help desk does not support proposal submission to Grants.gov.
Grants.gov users MUST register in NSPIRES

• Read Appendix H: Special Advisory Regarding Grants.gov Submissions to CP4SMPVC

• No later than the due date for proposals, applicant entities to the NRA are required to have:
  1) a Data Universal Numbering System (DUNS) number,
  2) a valid registration with the System for Award Management (SAM),
  3) a valid Commercial And Government Entity (CAGE) Code, and
  4) a valid registration with NASA Solicitation and Proposal Integrated Review and Evaluation System NSPIRES (including for any entities proposed to receive subawards or contracts).

http://nspires.nasaprs.com/external/
Overview of the Competition for Science Museums, Planetariums and NASA Visitor Centers

Proposals Due 19 June 2017

NASA Research Announcement (NRA)  
**NNH17ZHA002N**  
Catalog of Federal Domestic Assistance (CFDA)  
Number: 43.008
What is the overall goal of the NRA? What other purpose does CP4SMPVC serve?

The NASA STEM Engagement and Accountability Project portfolio of diverse activities directly responds to NASA’s Strategic Objective 2.4:

*Advance the Nation’s STEM education and workforce pipeline by working collaboratively with other agencies to engage students, teachers, and faculty in NASA’s mission and unique assets.*

In 2008 Congress encouraged and NASA passes that encouragement to proposers via this NRA:

“To the extent possible, NASA is urged to use education funds to address the educational needs of women, minorities, and other historically underrepresented groups.”
What is the schedule?

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Release Date:</td>
<td>March 31, 2017</td>
</tr>
<tr>
<td>Pre-Proposal Telecon (optional):</td>
<td>April 10, 2017</td>
</tr>
<tr>
<td>Notices of Intent (NOIs) Due:</td>
<td>April 19, 2017</td>
</tr>
<tr>
<td>Proposals Due:</td>
<td>June 19, 2017</td>
</tr>
<tr>
<td>Selection Date:</td>
<td>October 2017 (estimated)</td>
</tr>
</tbody>
</table>

Given the quality of past proposals received and to minimize costs associated with proposal submission and review and to maximize the funds available for grants and cooperative agreements, NASA Education historically issues calls for CP4SMPV proposals every other year.
Notices of Intent – strongly requested

NASA does not provide feedback on NOIs. The information is used solely to aid in determining the type of peer reviewers that will be needed.

NOIs are informational descriptions of the anticipated content of the proposals, 400 words or less, and should include the following information:

- Title of proposal
- Proposing institution name and type (one or more of: Museum, Planetarium, NASA Visitor Center, Youth Serving Organization, Library).
- Anticipated Technical Content Area(s): Aeronautics, Earth Science, Microgravity, Space Exploration, Space Science
- Project Classification: (1) Project Development and Implementation, (2) Pilot Project, (3) Combination of (1) and (2).
- Anticipated Project Goal(s), Objectives, and Intended Outcomes
- Anticipated partner organizations
- Primary anticipated target audience(s) (include age range for youth audiences)
- Anticipated area of reach (specify the area and indicate whether it be a locality, city, region, national, etc.)
- Anticipated types of programs and products to be developed

NOTE: Grants.gov does not support the submission of NOIs. Proposers planning to submit their proposals through Grants.gov should submit their NOIs via NSPIRES.
This NRA involves many individuals/aspects

• The NASA Office of Education solicits proposals in cooperation with NASA Headquarters’ Offices of Communications, Chief Scientist, Chief Technologist and Mission Directorates (i.e., Aeronautics Research, Human Exploration and Operations, and Science) and the Mission Support Directorate.

• Successful proposals typically will be funded as grants or cooperative agreements. The procedures and processes for proposers to request funding through either a cooperative agreement or a grant are the same.

• Oversight for any resulting awards will involve civil servant experts at NASA Headquarters, NASA’s Shared Services Center in Mississippi, and NASA’s Field Centers.

• Technical Assistance for all aspects of this NRA proposal solicitation, review, and award is provided by the Museum Alliance at NASA JPL.
Where did the CP4SMPVC come from?

CP4SMPVC is authorized by PL (Public Law) 109-155 SEC. 616. MUSEUMS: The Administrator may provide grants to, and enter into cooperative agreements with, museums and planetariums to enable them to enhance programs related to space exploration, aeronautics, space science, earth science, or microgravity.

In FY 2008-FY 2010 Congress provided two sources of funds, 1) for NASA Visitor Centers (VC) and 2) a competitive grant and cooperative agreement opportunity limited to museums and planetariums. NASA called the first NRA the Competitive Program for Science Museums and Planetariums, abbreviated as CP4SMP. In 2011 the NRA was expanded to include other types of informal education institutions (e.g., Boys and Girls Clubs). The 2017 NRA further expands the eligibility to include libraries.

For links to 2008-2016 CP4SMPVC awards, and info on program history, see [https://informal.jpl.nasa.gov/museum/CP4SMP](https://informal.jpl.nasa.gov/museum/CP4SMP)
For more details and links to CP4SMP awards, see https://informal.jpl.nasa.gov/museum/CP4SMP
Why limit applicant Institutions, topics, etc.?

- Public Law 109-155 sets clear limits:
  - Museums and Planetariums (includes NASA Visitor Centers)
  - Technical Content areas: space exploration, aeronautics, space science, earth science, or microgravity
  - Grants or Cooperative Agreements

- NASA (and Proposer) should not duplicate what other Federal Agencies do, such as but not limited to NOAA or NSF.

- Excerpt From the 2017 Proposers' Guidebook Appendix B Categories of Proposal Organizations: Some NRAs may specifically disallow some or all . . . broad categories and/or may add sub categories not. . .
Who should (or not) propose to compete?

Summary of eligibility by Proposing Organizations Types

- **Non-profit Organization**: Lead if also an Informal Education (IEI). All types of non-profits eligible for subawards.
- **NASA Center (excluding JPL)**: Lead only as a NASA Visitor Center, collaborate otherwise (See NRA Sections 2.6, 3.5, and Appendix D).
- **Other Federal Agency**: Lead if also an IEI. Non-IEI eligible for subaward.
- **Unaffiliated Individual**: Subaward.
- **State, Local, or Federally-Recognized Tribal Government Agency**: Lead if also an IEI. Non-IEI subaward eligible.
- **Education Organization (Limited to Higher Education Institutions)**: Subaward only (NOTE: May apply on behalf of an IEI following rules in Section 5.4).
- **Commercial Organization**: Subaward.
- **JPL**: Not Eligible.
- **Non-U.S. Organizations**: Not Eligible.
How does the NRA define a Youth Serving Organization? (Section 3.1, p. 19)

For the purposes of this NRA, youth is defined as children in grades 4-12. Additionally, a youth-serving organization (YSO) is defined as a non-profit institution that is organized to provide positive youth development activities on a permanent basis for essentially educational, recreational, service-learning, or research purposes. Solicited organizations use a professional staff primarily engaged to meet the basic needs of youth for safety, caring relationships, and connections to the larger community while striving to build academic, vocational, personal, creative or social skills. For purposes of this definition, YSOs use at least one full-time staff member or the equivalent, whether paid or unpaid, primarily engaged in the recurring development, delivery or evaluation of the youth development; teaching youth new knowledge or allowing youth to practice life or technical skills etc.

YSOs can include national programs, public institutions such as recreational departments and local libraries, private organizations like churches and civic groups, and grass roots community efforts. YSOs can also include public or private K-12 schools, school districts, membership-limited organizations such as scouting or Boys and Girls Clubs, and even some community-based organizations when they provide youth recurring opportunities to learn physical, intellectual, psychological, emotional, and social skills; exposure to intentional learning experiences; opportunities to learn cultural literacies, media literacy, communication skills, and good habits of mind; preparation for adult employment; and opportunities to develop social and cultural capital.
What Libraries are Eligible to Propose?  
(Section 3.1, p. 20)

Eligible libraries are non-profit institutions that include the following:

• Public libraries;
• Public elementary and secondary school libraries;
• College (including community college) and university libraries;
• A library agency that is an official agency of a State or other unit of government and is charged by the law governing it with the extension and development of public library services within its jurisdiction;
• A library consortium that is a local, statewide, regional, interstate, or international cooperative association of library entities that provides for the systematic and effective coordination of the resources of eligible libraries, as defined above, and information centers that work to improve the services delivered to the clientele of these libraries;
• A library association that exists on a permanent basis; serves libraries or library professionals on a national, regional, state, or local level; and engages in activities designed to advance the well-being of libraries and the library profession.
Proposers shall classify projects by one of the following types:

1. Project Development and Implementation, utilizing evidence-based approaches (i.e. backed by research evidence that proves its effectiveness); ($500K - $1M over 1 to 3 years)

2. Pilot Project, that also budgets for a needs assessment, conference gathering or symposia, or other type of study to understand the effectiveness of an approach; ($300K - $1M over 1 to 2 years)

3. Combination of types (1) and (2) ($500K - $1M over 1 to 3 years)

Note: The accountability and reporting requirements for CP4SMPVC make it unlikely that a viable project could be accomplished for less than $300,000. Therefore, proposals for less than this amount will be disqualified and will not advance to peer review.
What is CP4SMPVC Seeking? (1 of 6)

...to provide authentic STEM engagement and/or professional development opportunities for informal and formal educators that:

(Section 1.3.1, p.8)

– Leverage NASA assets and NASA-related content to provide experiential authentic STEM opportunities that encourage innovation, critical thinking, and problem solving skills;
– Utilize partnerships to improve reach and better serve groups historically underrepresented in STEM fields;
– Support the learner experience through appropriate connections to state and local needs, STEM learning systems and coordinated interconnected experiences, and effective engagement across classrooms and out-of-school settings;
– Use or develop evidenced-based educational strategies in designing and implementing the project; and
– Provide a measurable impact on learner interest in and positive attitudes towards STEM
What is CP4SMPVC Seeking? (2 of 6)

For this solicitation, informal education projects shall focus on STEM engagement and advancement of STEM literacy for youth (particularly those in grades 4-12), families, and informal and formal educators serving those audiences. (Section 1.3.1, p. 8-9)

Examples of Eligible Projects (including but not limited to)

- Exhibits (permanent, traveling, or virtual); multi-audience or generational STEM programming for educators, students, youth, parents, and the general public; STEM mentoring or professional development for informal education providers (e.g., youth groups, out-of-school-time programs, youth group leaders, library staff, workshop or activity leaders, curriculum developers, docent managers, exhibit designers, library professionals, community leaders, etc.) or formal educators; data visualization technologies such as planetariums or global display systems for STEM programming; informal learning research or data collection or data analysis oriented activities, such as citizen-science projects; investigations or application of science, technology, engineering, arts, and math (STEAM); performing or other creative arts; or other activities that are culturally-relevant to and focused on targeted populations, such as women, ethnic minorities, rural populations, and persons with disabilities. Projects that integrate NASA STEM content into the arts are welcome, but may not be a priority for selection.
What is CP4SMPVC Seeking? (3 of 6)

• NASA Relevance and Integration with NASA (Sections 1.3.1.1 and 1.3.1.2, p. 9-10)
  – NASA partnerships are strongly encouraged. Usage of NASA assets is strongly encouraged. Content and educational priorities listed in Appendix A. Utilize existing resources or provide justification to create new ones.

• Partnerships and Reach to Underserved Groups (Sections 1.3.1.3, p. 10)
  – Interest in expanded STEM engagement and/or educator professional development in rural-underserved areas and/or reach more women and girls and other underserved individuals.
  – Seeks to build on existing NASA programs, projects, and/or assets through partnerships such as, but not limited to, NASA MUREP, NASA Space Grant, higher education institutions that address the needs of minority populations.
What is CP4SMPVC Seeking? (4 of 6)

- Substantiated Needs; Interconnected Experiences (Section 1.3.1.4, p. 11)
  - Proposals shall address substantiated (e.g., through an existing needs assessment or other evidence) national, regional or local educational needs or challenges and offer solutions with potential for significant impact
  - Strongly encouraged to consider projects that use effective engagement across classroom and out-of-school settings; strongly encouraged to demonstrate how proposed work will be integrated into larger STEM learning ecosystem
  - Proposals shall align with NGSS where appropriate
What is CP4SMPVC Seeking? (5 of 6)

• Evaluation and Dissemination Plans; Measureable Impact on Learner Interest (Section 1.3.1.5, p. 11-12)
  – Projects shall conduct an independent evaluation, handled by an independent evaluator who may be a third-party, or if current employee of the applicant organization, shall have reporting responsibility independent of the proposed project.
  – Minimum 8% of total project budget is required for evaluation.
  – Include measurement of effectiveness in meeting project goals and objectives, NASA Strategic Objective 2.4, and federal strategic objectives.
  – Proposers are strongly encouraged to consider their project and evaluation impacts, outcomes, and metrics in terms of the evidence and categories of informal science education impacts as stated in the National Science Foundation report *Framework for Evaluating Impacts of Informal Science Education Projects.*
  – Proposers shall describe how project results and evaluation results will be shared.
What is CP4SMPVC Seeking? (6 of 6)

• Evidence-Based Educational Strategies (Section 1.3.1.6, p. 12)
  – Projects shall use evidence-based strategies that rely on verifiable data and information that has been gathered using the standards of professional research and evaluation organizations.

  – Projects classified as Type (1) Project Development and Implementation, or Type (3) Combination shall use evidenced-based educational strategies in designing and implementing the project, and clearly state the source of the evidence. Type (2) Pilot Projects and Type (3) Combination shall provide evidence, findings, and/or deliverables that form the basis of anticipated further innovative work including evidence-based strategies.
How Much Funding Can This NRA Award?

• Read the full text under 2.1 Award Type and Availability of Funds for Awards (p. 13)

• An award under this NRA is contingent upon the availability of appropriated funds from Fiscal Years 2017 – 2018

• NASA may elect to use of non-STEM Education and Accountability Project (SEAP) funds if these funds are available from other NASA programs
How many awards? What total amount can a proposer request?

- Number of new awards to be determined by receipt of adequate proposals and availability of funds.
- NRA estimates between 1 and 20 new awards.
- Maximum requested period of performance: 3 years.
- Total Award Values will vary in size from $300,000 to $1,000,000.
- NASA has the option to select only a portion of any proposed project and less than the full performance period requested.
Read the 2017 NRA thoroughly when preparing a proposal. It has been written to help you develop and write better proposals. Start with the Table of Contents.
Are there “better practice” tips for proposal preparation?

- Proposals must comply with all format requirements identified in the NRA & in the Guidebook for Proposers.
- Look at pages 30-31 of the NRA for Required Proposal Elements. **Note: The Project Description is restricted to a maximum of 15 pages. Linked/Appended material (other than required forms) will not be considered or reviewed. (NRA, p. 31, Appendix J.1 p. 97)**
- Read and follow Appendices K and N.
- Be prepared to fill out Program Specific Data form (Appendix G).
Write a proposal that responds to the NASA Evaluation Criteria

1) Intrinsic Merit (40%) (note that Project Evaluation accounts for ¼ of intrinsic merit, or 10% of the total)

2) Relevance to NASA (40%)

3) Budget/Cost (20%)

READ the evaluation criteria on pages 32-35 of the NRA several times. We are not going to take time today to read these pages aloud and will focus instead on questions we received.
Comply with limits set in the CP4SMPVC NRA regarding:

• Alignment with NASA STEM Content
• Use of a Non-Profit Informal Education Institution (IEI) to submit as the Lead Institution
• Use of an Eligible Principal Investigator to submit regardless of his/her proposed effort
Proposed Activities Must Be Mapped/Matchable to Eligible Content

Select at least one NASA Technical Content Area:

- Aeronautics
- Earth Science
- Microgravity
- Space Exploration
- Space Science

Without a full proposal there is no way to tell if ANY eligible content is included. For the eligible NASA STEM content, see Appendix A, Technical and Educational Content Descriptions.

“A key feature that distinguishes this NRA from informal, STEM engagement, educator professional development or education sponsored by other Federal agencies is that in addition to meeting criteria for technical merit and affordable and realistic costs, proposals shall align to NASA’s Mission Directorate programs and/or Office of Education.” (NRA, Section 1.3.1.1)

In Short: Formal/Informal STEM Education/Outreach is NOT a Technical Content Area
Definition: An Authentic STEM Experience (ASE) is an experience inside or outside of school designed to engage learners directly or indirectly with practitioners and in developmentally-appropriate practices from the STEM disciplines that promote real-world understanding.

Context:
• Authentic STEM Experience = the acronym STEM addresses the disciplines of Science, Technology, Engineering and Mathematics. Each discipline, and even within each discipline, has a distinct focus and methodology.
• is an experience = can be designed or impromptu
• inside or outside of school = any environment is a possible ASE location
• designed to engage learners = interaction and active doing, when possible
• directly or indirectly = the interaction is not always face-to-face
• with practitioners = which includes teammates and/or experts/practitioners of any of the STEM disciplines
• and in developmentally-appropriate = the ASE will be designed to be age/skills appropriate
• practices from the STEM disciplines = each discipline, and even within each discipline, has an identified process methodology which should be included in the experience
• that promote real-world understanding = the experience should provide a realization of how the discipline is used in actual activities applicable to current or future issues, problems and associated potential solutions

ASE Characteristics:
• Active-Doing: Directly engages in actions that model the distinctive practices of the STEM disciplines.
• Collaborative: Interacts/shares with a team and/or a practitioner/subject matter expert in the STEM disciplines.
• Meet learners where they are: Developmentally and culturally appropriate learning experiences that illustrate or demonstrate the topic’s relevancy to the learners.
• Appropriate learning approach/practice: Applies relevant disciplinary methodology(ies)/practices.
• Real-World Understanding: Connects applied and/or theoretical aspects of the STEM disciplines to the learner’s world.
What if you are unsure if the proposed content is eligible or you only want to do STEM Education?

(1) Read Appendix A Technical and Educational Content Descriptions and compare what you put in your proposal.

(2) E-mail the NASA Mission Directorate ARMD, HEO, SMD and STMD Contacts and Office of Chief Scientist Technical Points of Contact—Only they are qualified to give an opinion on your content (not how you propose to use the content).

(3) Submitted proposals will be assigned for review based on NASA’s assessment of the topic. See Program Specific Data form Item 8: Select one NASA Mission Directorate or Office that has a content and/or educational priority(s) primarily applicable to the proposal. (See Appendix G.)

(4) Note: Even if you choose the Office of Education, Communications, or Equal Opportunity and Diversity as your primary affiliation, the proposal must address a NASA-related content theme, including space exploration, aeronautics, space science, Earth science or microgravity science. (See NRA Section 1.3.1.1, p. 9)
Abide by the limits on the number of proposals from an institution

1) Organizations shall submit only ONE (1) proposal as a Lead per DUNS number. If an eligible organization submits more than one proposal using the same DUNS number, none of the proposals will be evaluated.

2) However, there is no limit on the number of times an organization may be proposed by another institution as an unfunded partner or as a subaward. Eligible organizations may submit as a lead organization or be proposed for subaward on other organizations’ proposals or both. (NRA Section 3.2, p. 21)

3) Prior awardees are not disqualified from proposing to lead, to sub, or to do both under this new NRA.
Why limit the Principal Investigators (PIs) to Senior Executives?

• NASA Experience with Earmarks and Other Competitive Programs
  NASA is not situated to resolve complaints that are best addressed to an applicant’s organizational leaders. (For example, NASA has had less senior PIs appeal to NASA to intervene with an Authorized Organizational Representative (AOR) who would not submit a proposal. This is not our role.)

• Responsibility for ensuring the organization has had a recent and appropriate audit, and can answer questions about the organization’s accounting and timekeeping systems. (For full details, see NRA p. 25-26.)

• Senior executives are policymakers who can avoid overlap or duplication within their own organization, such as related to working with more than one grant-making agency in past, present, and future.

• Ability to be responsive to NASA’s Offices of Diversity and Equal Opportunity and Inspector General (OIG). An example of a relevant OIG Report is NASA's Grant Administration and Management Audit of NASA Grants Awarded to the Alabama Space Science Exhibit Commission's U.S. Space and Rocket Center (IG-11-026) [http://oig.nasa.gov/audits/reports/FY11/IG-11-026.pdf].
Are there “better practice” tips for budget preparation?

• The budget format in NSPIRES is divided into two sections: 1) the Budget Justification: Narrative and 2) the Budget Justification: Details. (Appendix J.2, p. 98-99 of NRA)
  – Budget Items on the NSPIRES or Grants.gov coversheet ARE NOT a Budget proposal.
  – Detailed budgets & narratives are required for all subawards, regardless of dollar amount.
  – The first line of the Budget Narrative must indicate whether or not the proposer requests a grant or cooperative agreement.
• A minimum of 8% of the total project budget shall support evaluation activities. Details for the costs of evaluation, reporting, and sharing project results shall be included in the budget. (Section 2.6 page 16)
• Under this NRA, no more than fifty (50) percent of direct cost salaries shall be funded for key personnel, excluding K-12 and/or informal educators, post-doctoral researchers and students implementing or benefiting as project participants for the proposed effort. (Section 2.6 page 16)
• Read and Follow Appendix N, Special Advisory on NASA Grant Budgets and Policy
Where are the experts in NASA Procurement Policies and Grant Budgets?

- General questions concerning NASA procurement policies can be addressed to the NSSC (NASA Shared Services Center) at nssc-contactcenter@nasa.gov or you may reach the NSSC by phone at 877-NSSC123 (877-677-2123) or by fax at 866-779-6772.
- Note: NSSC is in Mississippi (Central Time Zone).
- To read more about the NSSC visit: https://www.nssc.nasa.gov/vendors.
What else to read before submitting a proposal in final form?

- Proposal guidelines:
  - CP4SMPVC NRA Summary page on NSPIRES (includes FAQs/Amendments) at this direct link URL

  - NASA Grant and Cooperative Agreement Manual
    https://prod.nais.nasa.gov/pub/pub_library/srba/index.html

  - Guidebook for Proposers Responding to a NASA Research Announcement (NRA) or Cooperative Agreement Notice (CAN) 2017 Edition
    http://www.hq.nasa.gov/office/procurement/nraguidebook
Who will review proposals? (Section 6.1)

“Proposal reviewers may include personnel from NASA, individuals working in federal, state or local agencies, industry, philanthropic foundations, K-12 and institutions of higher education, firms providing evaluation of educational projects, and all types of non-competing IEIs."

The NRA team reserves the right to select reviewers.
Help Us Recruit Potential Reviewers

- Nominate reviewers with appropriate expertise through the “Become a Reviewer” site at [http://informal.jpl.nasa.gov/reviewer/](http://informal.jpl.nasa.gov/reviewer/) (volunteers should be prepared to upload their resume).

- Please share this opportunity with your networks who may have the desired knowledge/expertise to review CP4SMPVC proposals.
For what reason(s) can a proposal be declined for failing to comply with the NRA?

- List includes but is not limited to:
  - Ineligible Institution or Principal Investigator
  - Not aligned to NASA Content areas
  - More than one proposal submitted using the same 9-Digit or 13-Digit DUNS number (as a Lead proposer—not as a sub award)
  - Failure (when applicable) to give the 13-Digit (or +4DUNS) on the Program Specific Data Form
  - Requests a Total Award Size from NASA less than $300,000 or in excess of $1,000,000.
  - Submitted via Grants.gov and not registered in NSPIRES or format cannot be transcribed from Grants.gov to NSPIRES.
  - Exceeds the Project Description Page Limit (15 pages) / Entirely Missing or Exceedingly Brief Project Description
  - Missing budget justification narrative and/or budget justification details
  - Missing Table of Contents
- Adds Appendices not listed in Section 5.12 Content and Format of the Proposal Submission

The NASA Selecting Official at Headquarters makes ALL selection decisions including declination for noncompliance—not JPL.
NASA’s External Civil Rights Compliance Program

David Chambers
Director
Program Planning & Evaluation Division
Office of Diversity and Equal Opportunity

Phone: 202-358-2128
Fax: 202-358-3336
david.r.chambers@nasa.gov
NASA has the responsibility to ensure that its 700 plus grant recipient institutions comply with the following civil rights laws and their implementing regulations:

- **Title VI of the Civil Rights Act of 1964**
- **Title IX of the Education Amendments Act of 1972**
- **Section 504 of the Rehabilitation Act of 1973**
- **Age Discrimination Act of 1975**
Overview

• Compliance is effected by conducting audits or reviews of grantee institutions and by processing discrimination complaints from beneficiaries of grants, such as museum patrons, college students.

• NASA is required to conduct these compliance reviews “from time to time” under our Title VI implementing regulations, which are applicable by reference to all other regulations.

• The Agency conducts reviews on an annual basis under each of the four laws.
Museum On-Site Compliance Reviews 2008-2016
Section 504 of the Rehabilitation Act

- NASA regulation is located at 14 Code of Federal Regulations Part 1251 – new requirements effective January 23, 2017

- Requires that the following must be provided to individuals with disabilities:
  
  ➢ Accessible programs and services (including the provision of accessible communications and auxiliary aids)
  
  ➢ Newly constructed or altered buildings and facilities must be accessible.
Section 504 of the Rehabilitation Act

• NASA recipients **must** meet several administrative requirements under the regulation:
  
  - Designate a 504 Coordinator
  - Develop visitor complaint/grievance procedure
  - Public notification of 504 nondiscrimination obligations
  - Public notification of accessible programs and services
  - Develop and implement a self-evaluation (within ONE YEAR of becoming a recipient)
  - Develop and implement a transition plan
Things You Can Do Now To Enhance ADA/504 Compliance

- Provide visitors with info on your website and floor maps about accessible services and facilities!!!
- Designate a Section 504 Coordinator
- Deploy or enhance visitor feedback mechanisms, including a 504 complaint grievance procedure
- **Form an Accessibility Committee to assist 504 Coordinator**
- Review program, services, procedures/Inspect exhibits and building elements to determine accessibility for all (Self-Evaluation)
- Build partnerships with disability advocacy organizations (have them do a walk-through of your museum)
Accessibility Committee – What does it look like?

- Leadership staff from:
  - Facilities
  - Exhibits
  - Education Programs
  - Visitor and Guest Services
  - Finance
  - Security
  - Special Events
  - Program Planning and Evaluation
  - Office of Diversity and Equal Opportunity
Title VI of the Civil Rights Act of 1964

- NASA regulation 14 CFR Part 1250
- 14 CFR 1250.103-1 states:
  “No person in the United States shall, on the ground of race, color or national origin be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program to which this part applies.”

  - Title VI compliance areas:
    - Museums and universities
    - Administrative Title VI compliance (assurance signed, compliance info made available)
    - Services to Limited English Proficient (LEP) populations to ensure meaningful access

  - Perform one on-site compliance review annually or biannually

Program Planning and Evaluation
Office of Diversity and Equal Opportunity
Executive Order 13166

Provision of Programs and Services to Limited English Proficient (LEP) Individuals (Aug. 11, 2000)

• Presidential directive to federal agencies to ensure people who are LEP have **meaningful access to programs, services and benefits**

• Applies to both recipients of Federal Financial Assistance (NASA Grantees) and Federal agencies

• Failure to provide LEP meaningful access is national origin discrimination prohibited by Title VI.
**NASA LEP Guidance (2003)**

**Four Factors Test** - Used to determine what services to provide in languages other than English

- The number or proportion of LEP persons eligible to be served or likely to be encountered by the program or grantee;

- the frequency with which LEP individuals come in contact with the program;

- the nature and importance of the program, activity, or service provided by the program to people's lives; and

- the resources available to the grantee/recipient or agency, and costs.
Grantee Practices to Enhance Language Access

- Designate a Language Access Plan Coordinator
- Form a Language Access Plan Committee to assist the organization’s LAP Coordinator
- Develop a Language Access Plan (see NASA LEP Guidance)
- Website is/can be translated into other languages.
- Identify floor staff who fluent in other languages and have them wear “I Speak” buttons in that language
- Provide interpretation/translation services available quickly and as-needed
- Pictograms on the floor where possible
- Bilingual or multilingual signage on the floor
- Separate exhibit audio and/or video text in other languages (most commonly in contact with)
- Design descriptive brochures or audio guides in other languages
- Build partnerships with organizations that advocate for or assist LEP populations
Language Access Plan Approach:
Form a Language Access Committee

- Leadership staff from:
• ODEO’s website designed to broaden the reach of our technical assistance efforts to all of our grant recipients.
• Provide readily available critical information on civil rights compliance requirements.
• Serve as a vehicle for fostering active communication between NASA, our grant recipient institutions, and other stakeholders.
• Showcase best practices and help to address common challenges.
• Reach out to the beneficiaries of our grants, e.g., STEM students and science museum patrons, to provide support for pursuing career paths in STEM.
A final thought…

“Simple justice requires that public funds, to which all taxpayers of all races contribute, not be spent in any fashion which encourages, entrenches, subsidizes or results in racial discrimination”

– John F. Kennedy 1963

thank you!

Program Planning and Evaluation
Office of Diversity and Equal Opportunity
Questions received in advance of (or after) this telecon

Frequently Asked Questions (FAQ) are/will be posted online via the NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES) website at http://nspires.nasaprs.com.

When new FAQs are posted, a weekly notice is sent via the NASA Education Express listserv.

To subscribe to NASA Express, go to http://www.nasa.gov/education/express.

Direct Link to the CP4SMPVC Portal Page on NSPIRES:
Begin Question Collection Session

Note: Questions asked during this session will be addressed in post-telecon FAQs posted on the CP4SMPVC portal page on NSPIRES
That’s all the time we have today.

- Thank you for joining us today and we look forward to reviewing proposals to this NRA.
- If you decide not to submit a proposal, please consider registering yourself as a potential reviewer at https://informal.jpl.nasa.gov/reviewer/
- No matter what you decide regarding this NRA, please know how much NASA admires your commitment to education and inspiration of learners and educators wherever they are and to the Public’s participation in NASA’s STEM Missions.
Back Up Slides (Will be Read Aloud if Time Permits)
Can IEIs controlled by non-solicited organizations apply?

In Section 3.1, p. 20, the 2017 CP4SMPVC NRA states:

“An IEI within a non-solicited organization, such as a college, university etc., may apply if it:

1) is able to independently fulfill all the eligibility requirements of this NRA;
2) functions as a discrete unit; i.e., has its own board of trustees or directors separate from the non-solicited entity’s board;
3) has its own fully segregated and itemized operating budget; and
4) has the authority to make the application on its own.

When any of the last four conditions are not met, an IEI may apply through its non-solicited organization only when the non-solicited organization provides a statement of commitment from its CEO or AOR that the NASA funds will be used and tracked exclusively for the proposed project and not for the non-solicited entity’s costs. Failure to include a statement of commitment will disqualify the proposal from award consideration. If the IEI has its own Data Universal Numbering System (DUNS) number, then a non-profit IEI within a non-solicited entity does not need to submit a letter of commitment.”
Can IEIs controlled by ineligible organizations apply? (continued)

In Section 5.4, p. 25, the 2017 CP4SMPVC NRA states:

“If an organization has several different types of IEIs (e.g., a planetarium, an air or space museum, a natural history museum, aquarium, etc.), and has only used one DUNS number to request Federal funds, then the organization shall create a new DUNS number or a +4DUNS in order to submit more than one lead proposal under this NRA. If an organization submits more than one lead proposal using the same DUNS number without a qualifying +4DUNS, then all of that organization’s proposals will be disqualified from award consideration.

SAM registration issues for a +4DUNS should be addressed to the Federal Service Help Desk: https://www.fsd.gov/fsd-gov/home.do or 866-606-8220.

“A non-solicited organization that already has both a DUNS number and a SAM number shall obtain a +4 extension to a DUNS number to distinguish its IEI. Dun and Bradstreet does not create or maintain this +4 extension. Rather, this 4-digit suffix is assigned at the discretion of the controlling business concern in order to identify sub-units or affiliates. The creation of a +4DUNS is solely at the discretion of the controlling organization that is registered in the SAM. Registrants in SAM create this +4 extension to a DUNS number in SAM when there is a need for more than one bank/Electronic Funds Transfer (EFT) account for a location. The +4DUNS is created from an active record in the SAM. Please refer questions to the SAM’s Federal Service Desk Helpdesk at 866-606-8220. A submitter’s failure to provide a +4DUNS by the proposal’s submission date will disqualify the proposal from award consideration.”
Does our organization’s status prohibit us from applying?

In Appendix O, p. 109, the 2017 CP4SMPVC NRA states:

“NASA cannot provide case-by-case advice to a potential proposer regarding whether or not any organization should submit a proposal to this NRA. The reason NASA does not provide pre-submission confirmation of organization eligibility is that there are three eligibility criteria: 1) institutional or organizational, 2) PI, and 3) technical content area. For example, there may be cases where an organization may be eligible to apply through the creation of a new DUNS number or a +4DUNS, but does not have a position or person that can meet the PI eligibility criteria that requires ability to attest to the applicant entity’s fiscal health.

NASA will review eligibility issues only for full proposals available for review via NSPIRES or Grants.gov. NASA will not transcribe ineligible proposals submitted via Grants.gov. NASA expects pre-submission eligibility issues to be raised to the proposing organization’s highest leadership; e.g., Boards, AOR, legal counsel, chief financial manager, President, etc., who are qualified to certify an organization’s type and PI status for federal funding. Please carefully review Section 3. Eligibility with an AOR, legal counsel and a proposing agency’s leadership to determine whether or not the entity should seek to propose as a lead institution, as a subaward, or both.”

4/10/17  2017 CP4SMPVC Pre-Proposal Teleconference  86
Are there any guidelines or limitations for partnering with corporations on the proposal?

In Section 3.1, p. 20, the 2017 CP4SMPVC NRA states:

“The entities that are not eligible to submit a proposal include: other federal agencies; NASA Centers, Federally Funded Research and Development Centers (FFRDCs) including JPL, unaffiliated individuals, non-U.S. institutions, Education Organizations (Limited to Higher Education Institutions); Commercial or for-profit organizations. However, these entities may be proposed by an eligible IEI as sub-awardees or contractors.”
Are proposals … which will have modest numbers of program participants less likely to receive funding?

In Section 6.1, p. 32, the 2017 CP4SMPVC NRA states:

“Proposals will be evaluated based on the following criteria: (1) Intrinsic Merit, (2) Relevance to NASA, and (3) Budget/Cost. The evaluation criteria are based upon NASA’s 2014 Strategic Plan, NASA’s Guidebook for Proposers, and federal education priorities and strategic directions.”

In Section 6.2, pp. 35-36, the 2017 CP4SMPVC NRA states:

“NASA typically receives a far greater number of competitive or peer-reviewed proposals than available funds can support. External expert advice is a consideration for NASA when making selection decisions. For example, representatives from the affected NASA Mission Directorates and Offices review the external peer review findings and offer priority recommendations to the Selection Official. NASA seeks a balanced project award portfolio and considers factors including, but not limited to, geographic representation, NASA technical content, current awards, institutional representation, and participation by individuals traditionally underrepresented in STEM studies and careers.”

Please read Section 6.1 Proposal Review Criteria and Section 6.2 Review and Selection Processes carefully to understand how proposals are evaluated and selected.
Q: Before writing the proposal to NASA SEAP I wanted to know if this will be aligned with the goals of your program.

A: This question is addressed in detail in Appendix O, Guidance on Resolution for Pre-Submission Eligibility Questions (NRA page 109). An excerpt reads:

“Unlike some other federal or private grant-making agencies, the key personnel working with this NRA do not pre-review proposal ideas nor pre-determine eligibility prior to final proposal submissions.”
Appendix R: Other Opportunities


- We are sorry not everyone is eligible to compete for the proposals due June 19. NASA may accept unsolicited or single-source proposals when they comply with agency guidance—Read more on pages 116-117 in the NRA. https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&sollId={2A87AF8B-6B68-605B-7694-303DEFAA3378}&path=open

- Anyone can request to partner with NASA on a no-exchange-of-funds basis under the authority of NASA’s Space Act, the law that established NASA as a federal agency.

- NASA periodically issues a call for no-exchange-of-funds Strategic Partnerships
What is a No-Exchange-of-Funds Collaboration?

• NASA recognizes the benefit of leveraging unique resources and abilities that partners can provide. This announcement requests information from organizations interested in working with NASA to improve STEM education in America.

• NASA is receptive to a wide range of possibilities. All categories of domestic groups, including U.S. federal government agencies, are eligible. NASA will accept responses through Dec. 31, 2017.

• Organizations interested in responding to this education opportunity can access the announcement at: