NEVADA NASA EPSCoR

REQUEST for Letters of Interest and PROPOSALS: National NASA EPSCoR Rapid Response Research Notice of Funding Opportunity (NOFO)

Release Date: September 19, 2022 (NV) September 16, 2022 (NASA)





Announcement for:

Faculty from University of Nevada, Las Vegas; University of Nevada, Reno; Nevada State College; College of Southern Nevada; Great Basin College; Truckee Meadows Community College; Western Nevada College, Desert Research Institute

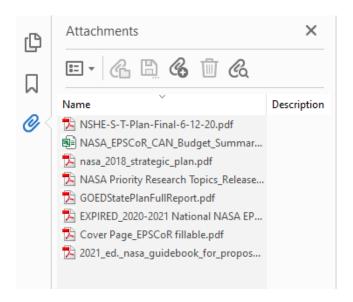
Letters of Interest Due: October 3, 2022 5:00 pm PT
Proposals Due: Selected PIs will submit proposals to the NSHE SPO/EPSCOR
Office no later than December 1, 2022, 5:00 pm PT

Webinar about this solicitation will be held Sept 22, 2022 at 3 pm PT. Use this link to attend: Click here to join the meeting

NOTE: Please open this document in Adobe Acrobat to view attached paperclip resource files relevant to this solicitation.

Paperclipped Attachments

Please note, to view all relevant attachments to this solicitation including the budget summary, cover page, NASA Mission Directorates, etc., please open this PDF document in Adobe Acrobat and select the paperclip on the left-hand side of the screen (you may need to click the arrow to expand the panel where the paperclip is located). Any questions regarding the paperclip attachments or on how to access these documents can be directed to Michael Lujan at mlujan@nshe.nevada.edu.



INTRODUCTION

The National NASA EPSCoR Program has announced a new solicitation entitled "Rapid Response Research" (R3) program (see e-paperclipped document). The goal of this effort is to develop close collaborations among NASA, industry and university faculty to solve specific current NASA research challenges. It is anticipated that approximately 30 research proposals that will not exceed \$100,000 each for a one-year project duration will be awarded to address a subset of the NASA topics listed in the National solicitation Section 7 (attached). Each jurisdiction may submit a total of six proposals, on any of the research topics listed. Note: this year, multiple proposals may be submitted to the same topic. To help identify the most relevant six proposals to submit, we are requesting that any NSHE faculty member interested in submitting a proposal first submit a letter of interest; see information below. If there are multiple faculty interested in a common topic area, we may request that the faculty consider collaborating on a single proposal. If collaboration is not an option, the NV NASA EPSCoR Technical Advisory Committee (TAC) will review the letters of interest and select the proposal(s) that will be submitted to the National solicitation.

The lead Science PIs must contact the NASA point of contact to talk about their research ideas before submitting a letter of interest (and before proposal submission); this was a specific request from the National NASA EPSCoR Project Manager.

Each funded NASA EPSCoR R3 NOFO proposal is expected to establish research activities that will make significant contributions to one of the strategic research projects listed in the national solicitation (attached). The proposed research should also contribute to the overall research infrastructure, science, and technology capabilities, higher education, and economic development of Nevada.

The NASA science offices and contacts are listed below. Topic Areas for each NASA science office are listed in the attached National NASA EPSCoR R3 Notice of Funding Opportunity (NOFO), Section 7. Note: PIs may resubmit unfunded proposals from previous R3 solicitations; please list the solicitation and appendix/topic in your title. Renewal proposals for current R3 awards are permitted if a NASA Center, Mission Directorate, or

<u>other entity agrees to provide the funding.</u> The National NASA EPSCoR Office will not provide EPSCoR funds for any renewal proposals. You must provide a letter from the funding group stating their commitment to fund a renewal before submitting your proposal to our office.

NASA Research Topics and Contacts Table (from Section 8 of the R3 National NOFO)

Research Focus Area/Point of Co	ontact (POC)	
Aeronautic Research Mission Directorate / Advanced Air Vehicles Program / Revolutionary Vertical Lift Technology Project		
Research Focus Area	Point of Contact	Id
Safety of Electro-mechanical Powertrains for Electrified Vertical Takeoff and Landing (eVTOL) Vehicles	Timothy Krantz, timothy.l.krantz@nasa.gov	A-001
High power density power grids, power electronics, motors, and electro-mechanical powertrains	Timothy Krantz, timothy.l.krantz@nasa.gov	A-002
High reliability and robustness for safety-critical propulsion systems including but not limited to: a) arc fault protection; b) EMI/filtering; c) fault tolerant architectures; d) power management	Timothy Krantz, timothy.l.krantz@nasa.gov	A-003
Novel thermal management of the propulsion components and/or of the propulsion system	Timothy Krantz, timothy.l.krantz@nasa.gov	A-004
Application of advanced materials and manufacturing to achieve above 3 items.	Timothy Krantz, timothy.l.krantz@nasa.gov	A-005
Development of Characterization Techniques to Determine Key Composite Material Properties for the LS-DYNA MAT213 Model	Robert Goldberg robert.goldberg@nasa.gov Justin Littell justin.d.littell@nasa.gov Mike Pereira mike.pereira@nasa.gov	A-006
Astrophysics		
Research Focus Area	Point of Contact	Id
Astrophysics Technology Development	Hashima Hasan hhasan@nasa.gov Mario Perez mario.perez@nasa.gov	A-007

Biological and Physical Sciences		
Research Focus Area	Point of Contact	Id
Fundamental Physics - Quantum Science	Brad Carpenter bcarpenter@nasa.gov	B-001
Complex Fluids/Soft Matter - Soft Matter-Based Materials	Brad Carpenter bcarpenter@nasa.gov	B-002
Fluid Physics - Oscillating Heat Pipes (OHP)	John McQuillen john.b.mcquillen@nasa.gov	B-003
Combustion Science - High Pressure Transcritical Combustion (HPTC)	Daniel L. Dietrich Daniel L. Dietrich@nasa.gov	B-004
Materials Science - Extraction and Utilization of Materials from Regolith	Michael SanSoucie michael.p.sansoucie@nasa.gov	B-005
Effects of Regolith Simulant on Growth, Survival, and Fitness of Animal Models	Sharmila Bhattacharya SpaceBiology@nasaprs.com	B-006
Effects of Space-Associated Stressors on Plant and Microbial Interactions	Sharmila Bhattacharya SpaceBiology@nasaprs.com	B-007
Center for Design and Space A	rchitecture	
Research Focus Area	Point of Contact	Id
Repair, Manufacturing, And Fabrication (RMAF) Facility for the Common Habitat Architecture	Robert L. Howard, Jr. robert.l.howard@nasa.gov	C-001
Commercial Space Capab	ilities	ı
• •		
Research Focus Area	Point of Contact	Id
		ld C-002
Research Focus Area	Point of Contact Warren Ruemmele	
Research Focus Area In-Space Welding Materials and Processes Improvements for Chemical	Point of Contact Warren Ruemmele warren.p.ruemmele@nasa.gov Warren Ruemmele	C-002
Research Focus Area In-Space Welding Materials and Processes Improvements for Chemical Propulsion State of Art (SoA) Materials and Processes Improvements for Electric	Point of Contact Warren Ruemmele warren.p.ruemmele@nasa.gov Warren Ruemmele warren.p.ruemmele@nasa.gov Warren Ruemmele	C-002 C-003
Research Focus Area In-Space Welding Materials and Processes Improvements for Chemical Propulsion State of Art (SoA) Materials and Processes Improvements for Electric Propulsion State of Art (SoA)	Point of Contact Warren Ruemmele warren.p.ruemmele@nasa.gov Warren Ruemmele warren.p.ruemmele@nasa.gov Warren Ruemmele warren.p.ruemmele@nasa.gov Warren Ruemmele warren.p.ruemmele@nasa.gov	C-002 C-003 C-004

Computational and Information Sciences and Technology Office (CISTO) Program		
Research Focus Area	Point of Contact	Id
Document the Current State-of-the-Art/Practice of Ethical Decision Making by Humans in Operational Systems.	James Harrington james.l.harrington@nasa.gov Edward McLarney Edward.l.mclarney@nasa.gov Yuri Gawdiak yuri.o.gawdiak@nasa.gov Nikunj Oza nikunj.c.oza@nasa.gov	C-008
Explore and document the parameters in play in the transition of ethical decision making from humans to autonomous systems.	James Harrington james.l.harrington@nasa.gov Edward McLarney Edward.l.mclarney@nasa.gov Yuri Gawdiak yuri.o.gawdiak@nasa.gov Nikunj Oza nikunj.c.oza@nasa.gov	C-009
Current & projected autonomous performance capabilities and limitations.	James Harrington james.l.harrington@nasa.gov Edward McLarney Edward.l.mclarney@nasa.gov Yuri Gawdiak yuri.o.gawdiak@nasa.gov Nikunj Oza nikunj.c.oza@nasa.gov	C-010
Current & projected autonomous performance capabilities and limitations.	James Harrington james.l.harrington@nasa.gov Edward McLarney Edward.l.mclarney@nasa.gov Yuri Gawdiak yuri.o.gawdiak@nasa.gov Nikunj Oza nikunj.c.oza@nasa.gov	C-011
Policy/Standards/Law Making Assessment.	James Harrington james.l.harrington@nasa.gov Edward McLarney Edward.l.mclarney@nasa.gov Yuri Gawdiak yuri.o.gawdiak@nasa.gov Nikunj Oza nikunj.c.oza@nasa.gov	C-012

Design, Development, & Implementation of Highly Automated / Autonomous Systems to abide by ethical decision-making policy, standards, guidelines, and laws.	James Harrington james.l.harrington@nasa.gov Edward McLarney Edward.l.mclarney@nasa.gov Yuri Gawdiak yuri.o.gawdiak@nasa.gov Nikunj Oza nikunj.c.oza@nasa.gov	C-013
Societal ramifications of ethical decision-making models.	James Harrington james.l.harrington@nasa.gov Edward McLarney Edward.l.mclarney@nasa.gov Yuri Gawdiak yuri.o.gawdiak@nasa.gov Nikunj Oza nikunj.c.oza@nasa.gov	C-014
Earth Science		
Research Focus Area	Point of Contact	Id
Synthesis activities that combine multiple data sets to analyze the vulnerability and resilience of Arctic and boreal ecosystems in the Arctic Boreal Vulnerability Experiment (ABoVE) domain, across North America, and across the circumpolar region.	Allison K. Leidner allison.k.leidner@nasa.gov Laura Lorenzoni laura.lorenzoni@nasa.gov	E-001
Research that contributes to furthering our understanding of climate change impacts in high-latitude drainage basins, including coastal zones, and advance humanity's understanding of the potential feedback(s) of naturally- or anthropogenically-driven change in such zones.	Allison K. Leidner allison.k.leidner@nasa.gov Laura Lorenzoni laura.lorenzoni@nasa.gov	E-002
Integration of research results and remote sensing data from ABoVE into a coherent modeling framework to diagnose and predict the impacts of environmental change on ecosystem dynamics and the consequent impacts on ecosystem services and society.	Allison K. Leidner allison.k.leidner@nasa.gov Laura Lorenzoni laura.lorenzoni@nasa.gov	E-003
Filling critical research gaps in our understanding of how environmental change impacts the dynamics of boreal and Arctic ecosystems within the ABoVE domain.	Allison K. Leidner allison.k.leidner@nasa.gov Laura Lorenzoni	E-004

laura.lorenzoni@nasa.gov

Entry Systems Modeling	Project	
Research Focus Area	Point of Contact	Id
Entry Systems Modeling - Nitrogen/Methane Plasma Experiments Relevant to Titan Entry	Aaron Brandis aaron.m.brandis@nasa.gov	E-005
Entry Systems Modeling - Thermal Conductivity Heat Transfer of Porous TPS Materials	Aaron Brandis aaron.m.brandis@nasa.gov	E-006
Entry Systems Modeling - Deposition of Ablation/Pyrolysis Products on Optical Windows	Aaron Brandis aaron.m.brandis@nasa.gov	E-007
Entry Systems Modeling - Predictive Modeling of Plasma Physics Relevant to High Enthalpy Facilities	Aaron Brandis aaron.m.brandis@nasa.gov	E-008
Human Research Program (Space Radiation,	Precision Health Initiative)	
Research Focus Area	Point of Contact	Id
Tissue and Data sharing for space radiation risk and mitigation strategies	Robin Elgart shona.elgart@nasa.gov Janice Zawaski janice.zawaski@nasa.gov	H-001
Space radiation sex-differences	Robin Elgart shona.elgart@nasa.gov	H-002
Compound screening techniques to assess efficacy in modulating responses to radiation exposure	Robin Elgart shona.elgart@nasa.gov Brock Sishc brock.j.sishc@nasa.gov	H-003
Inflammasome role in radiation-associated health impacts	Robin Elgart shona.elgart@nasa.gov Janapriya Saha janapriya.saha@nasa.gov	H-004
Portable, non-ionizing radiation based, high resolution disease detection imaging	Robin Elgart shona.elgart@nasa.gov Janice Zawaski janice.zawaski@nasa.gov	H-005
Pilot studies to adopt terrestrial precision health solutions for astronauts	Corey Theriot corey.theriot@nasa.gov Carol Mullenax carol.a.mullenax@nasa.gov	H-006
Pilot studies to demonstrate the utilization of full systems biology approaches in addressing human spaceflight risks	Corey Theriot corey.theriot@nasa.gov Carol Mullenax	H-007

Carol Mullenax

carol.a.mullenax@nasa.gov

biology approaches in addressing human spaceflight risks

Development and elaboration of Functional aids and testing paradigms to measure activity for use by parastronauts during spaceflight	Victor S. Schneider vschneider@nasa.gov Kristin Fabre kristin.m.fabre@nasa.gov	H-008
Evaluation space capsule and spacesuit activity in stable and fit lower or upper extremity amputees and compare their responses to non-amputee fit individuals	Victor S. Schneider vschneider@nasa.gov Kristin Fabre kristin.m.fabre@nasa.gov	H-009
Planetary Science		
Research Focus Area	Point of Contact	Id
High-Temperature Subsystems and Components for Long- Duration (months) Surface Operations	Adriana Ocampo aco@nasa.gov	P-001
Aerial Platforms for Missions to Measure Atmospheric Chemical and Physical Properties	Adriana Ocampo aco@nasa.gov	P-002
Extreme Environment Aerobot	Adriana Ocampo aco@nasa.gov	P-003
Planetary Protection		
Research Focus Area	Point of Contact	Id
Addressing Knowledge Gaps in Planetary Protection for Crewed Mars Mission Concepts	J Nick Benardini James.N.Benardini@nasa.gov	P-004
Natural Transport of Contamination on Mars_	J Nick Benardini James.N.Benardini@nasa.gov	P-005

Important Information:

- 1) NASA EPSCoR R3 NOFO proposals may be from a single NSHE institution; there is no requirement for collaboration among NSHE institutions.
- 2) The total amount to be awarded is \$100,000 Federal with full indirect cost recovery.
- 3) There is no cost-share required for this opportunity (no institutional or state match).
- 4) The lead administrative PI will be Dr. Lynn Fenstermaker, the NV NASA EPSCoR Project Director. The lead research faculty member will be listed as the Science PI. The proposals will be submitted through the NSHE SPO/EPSCoR Office.
- 5) A letter of interest stating the specific topic of the proposal must be submitted by **October 3, 2022, 5:00 pm PT** at the website listed in the instructions below.
- 6) The period of performance shall not exceed one year.
- 7) There will be no administrative fees attached to the budget, but there will be NSHE SPO/EPSCoR Office ICR on the total amount. (Work with Gibran Chavez-Gudino on the budget. NSHE SPO/EPSCoR Office ICR is 15% on the first \$25,000 per subaward)
- 8) Please read the National solicitation (attached) for specifics about the proposal and research topics.

- 9) The National NASA EPSCoR Project Manager has stated that the Science PI should contact the NASA point-of-contact listed for each topic area prior to proposal preparation and submission. We request that the Science PI communicate with the NASA contact prior to submission of a letter of interest to ensure that your proposal idea will meet NASA research topic expectations.
- 10) The National NASA EPSCoR R3 solicitation has a deadline of 11:59 pm (ET) on December 15, 2022. NSHE SPO/EPSCoR Office requires that the final selected proposals be submitted to the NSHE SPO/EPSCoR Office by **December 1, 2022, 5:00 pm PT.** This will give us time to ensure that the budget is correct, all solicitation requirements are met, provide time for revision, and time needed for NV NASA EPSCoR staff to upload all proposals. NOTE: there has always been a need for budget corrections and narrative revision, so the December 1 cut-off for delivering a complete draft of all proposals is firm.

R3 NOFO INFORMATION AND INSTRUCTIONS A. Eligibility

Faculty at NSHE institutions, particularly junior faculty, women, and members of other underrepresented populations are encouraged to apply. Faculty who have a current National NASA EPSCoR Research Collaboration CAN/NOFO or R3 project are not eligible to apply while their project is on-going. There is no requirement that Science PIs be U.S. citizens, however, foreign nationals (i.e., non-U.S. citizens who do not have a green card) will likely not be permitted access to NASA Centers. This may or may not be important to the research being proposed. Proposals involving bilateral participation, collaboration, or coordination in any way with China or any Chinese-owned company, whether funded or performed under a no exchange-of-funds arrangement, will be ineligible for award.

B. Award: Funding Information

The NASA EPSCoR R3 NOFO will provide an award of \$100,000 total for a one-year project period with no match requirement, although voluntary matching is allowed under 2 CFR 200 (also see 2 CFR 200.306). The federally negotiated indirect cost recovery (ICR) rate for each NSHE institution must be included in the budget as well as the NSHE EPSCoR/SPO ICR rate.

C. Award Obligations (If selected for Full proposal submission and receive a National award)

Award recipients are required to prepare final reports and respond to any other reporting requirements provided by the National NASA EPSCoR Office as communicated by the NV NASA EPSCoR office. It is anticipated that this will include quantitative information on participant demographics, project role, number/type of products and a research highlight. The final report must be made publicly available. The final report includes, but is not limited to: a summary of project goals and accomplishments; a discussion on advancement of the jurisdiction's research infrastructure; a list of project participants from academia, NASA centers and industry; grant proposals submitted; grant proposals funded; papers submitted and/or published in refereed journals; presentations or abstracts at professional meetings, and technology advancement (patents, licenses, etc.). Data must be archived and adhere to a data management plan.

Per the solicitation:

Recipients receiving awards under this NOFO shall comply with the provision set forth in the NASA Plan for Increasing Access to the Results of Scientific Research

(http://www.nasa.gov/sites/default/files/files/NASA_Data_Plan.pdf) including the responsibility for—

- Submitting as approved peer-reviewed manuscripts and metadata to a designated repository: and
- Reporting publications with the annual and final progress reports.

D. Letter of Interest Preparation

Complete the online form (URL listed below) to provide the following information by 5:00 pm PT on October 3, 2022. You must communicate with the appropriate NASA Topic Area Point of Contact prior to submission of the LOI.

Lead PI name, email address and institution

Working title for the pre-proposal; list the research "ID" number from the table of research topics and contacts; Section 8 of the National solicitation NOFO and listed above in this solicitation

Research abstract / brief, but clear, explanation of your project goals/objectives, the methods you will employ to address your goals and most importantly expected outcomes and how those outcomes will advance the science and meet NASA needs. (Maximum of one page of text.)

Letter of support or collaboration from a NASA Scientist (note: this can be a copy of an email and does not count toward the one-page limit.)

Go to: https://nasa.epscorspo.nevada.edu/funding/2023-R3-NOFO/

LOI Review

LOIs will be reviewed as quickly as possible and PIs will be informed whether they may proceed with proposal development. In instances where a common NASA science office is stated in two or more LOIs, the PIs will be asked if they would be willing to collaborate. If collaboration is not possible, the LOIs will be reviewed by the NV NASA EPSCoR Technical Advisory Committee and the most relevant and well-written LOIs will be selected for proposal development. LOI teams will be notified of LOI review results by approximately October 18, 2022. The evaluation criteria include:

Detailed explanation of project relevance to one of the RRR (R3) topics

A letter of support or collaboration from a NASA scientist

A brief, but clear, explanation of your project goals/objectives, the methods you will employ to address your goals and most importantly expected outcomes and how those outcomes will advance the science and meet NASA needs.

E. Full Proposal Preparation

Proposals must be typed, single-spaced, standard one-inch margins and use a Times Roman 12 pt or comparable font with numbered pages. The proposals should be written such that researchers from other scientific disciplines would be able to understand the proposal goals, importance of the project for the specific NASA science office research topic and how the anticipated outcomes will benefit NASA, NV and NSHE. Please submit the proposal as a word file that will enable a more efficient review and revision.

1. Cover Page (form provided as "paperclip" attachment to this solicitation)

- Signature of Applicant
- Signature of Office of Sponsored Projects/Programs
- Project title that includes the Solicitation Appendix which the proposal is responsive to.

2. Project Description (limited to 2-3 pages maximum unless otherwise stated in a specific research topic appendix) Note: the summary and data management plan are not included in the 2-3 page proposal limit.

Provide a concise description of the proposed research or research-building activities, including the following:

- a. Summary of Project (limited to 4000 characters)
- b. Data Management Plan (limited to 4000 characters)
- c. Table of Contents (this is the first page of the proposal document)
- d. The Scientific/Technical Management Plan (2-3 pages) should include:
 - i. Project goals and research objectives; intrinsic merit of the proposed research
 - ii. Brief statement on how the proposed research meets the topic area need identified in the solicitation
 - iii. Tasks and methods
 - iv. SMART objectives with measurable outcomes (see PDF "paperclip" attachment) If you include quantifiable metrics in the research objectives text, you may omit a separate SMART table.
 - v. An approximate timetable for project completion
 - vi. List of collaborators and expertise they will contribute (including any NASA scientists)
 - vii. Brief discussion of likely outcomes (i.e., publications, patents/licenses, technology transfer, new hardware/software, new or revised courses, new proposals with potential program you will apply to, etc.)

3. Appendices

- a. References Cited (the number of pages for citations is not limited)
- b. Biographical Sketch or Curriculum Vitae: limited to two pages for the Admin and Science PIs, and one page for Co-PI(s).
- c. Current and Pending Support
- d. Statements of commitment and letters of support: any NASA collaborators must provide letters of support that specifically state the contribution they will make. (Note: Letters must be recent and dated within 45 days prior to the proposal submission.)
- e. Budget and Budget Justification (form provided as "paperclip" attachment)
 Provide a budget and a detailed budget justification by each institution involved in the project. PIs are encouraged to work with their Sponsored Programs Office and/or Business Managers well in advance to develop the budget. Please read pages 11 and 12 of the NASA solicitation carefully for explanations on budget restrictions.
 - Follow NASA budget guidelines as well as the OMB Uniform Guidance when developing the budget.

- Include appropriate fringe, ICR, tuition and other costs.
- Budget must be signed by Sponsored Projects Office or Business Manager.
- f. Facilities and Equipment: list any existing facilities and major equipment that will be used for the proposed project.
- g. Table of personnel and work effort.

F. Submission Guidelines:

<u>Letters of Interest</u> must be submitted no later than **5:00 pm PT on October 3, 2022**. Use the online form at: https://nasa.epscorspo.nevada.edu/funding/2023-R3-NOFO/

<u>LOIs</u> should be submitted only after communication with the NASA point-of-contact for the topic area of interest. If you are selected to proceed to full proposal, the final date to submit a full proposal to the NSHE SPO/EPSCoR Office is **December 1, 2022.** To submit a proposal please submit word and excel documents using the naming convention: **PI Last Name_First**Name_NASA_R3. Do not submit a PDF file. Submissions that are incomplete (see requirements 1-4 above) will not be submitted to the National solicitation. Use the online form at: https://nasa.epscorspo.nevada.edu/funding/2023-R3-NOFO/

If your LOI is selected for full proposal development, you will also be asked to sign a Media Consent Form and submit a headshot. If your proposal is funded, your headshot, contact info and project abstract will be posted to the NV NASA Programs website. If you do not wish to have your photo posted to the website, please contact Michael Lujan at mlujan@nshe.nevada.edu.

FULL PROPOSAL REVIEW AND SELECTION

All full proposals submitted will be reviewed by the National NASA EPSCoR Program Office. As stated in the National NASA EPSCoR R3 NOFO:

Review of proposals submitted in response to this NOFO shall be consistent with the general policies and provisions contained in the NASA Guidebook for Proposers, Appendix D. Selection procedures will be consistent with the provisions of the NASA Guidebook for Proposers, Section 5. However, the evaluation criteria described in this NOFO under Section 5.0 of this document, Proposal Evaluation, takes precedence over the evaluation criteria described in Section 5 of the NASA Guidebook for Proposers.

Successful R3 proposals shall provide sound contributions to both immediate and long-term scientific and technical needs of NASA as explicitly expressed in current NASA documents and communications. Proposals will be evaluated based on the following criteria: Intrinsic Merit, Management, and Budget Justification. The bulleted lists after each criterion below should not be construed as any indication of priority or relative weighting. Rather, the bullets are provided for clarity and facilitation of proposal development.

Proposals will be evaluated based on the proposed research approach (intrinsic merit, 65% of score), project management (20%) and budget justification (15%). See pages 18-19 of the NASA solicitation.

NASA's stated goal is to announce selections as soon as possible. However, NASA does not usually announce new selections until the funds needed for those awards are approved through

the Federal budget process. Therefore, a delay in NASA's budget process may result in a delay of the selection date(s).

A proposer has the right to be informed of the major factor(s) that led to the acceptance or rejection of the proposal. Debriefings will be available upon request. Again, it is emphasized that non-selected proposals should be aware that proposals of nominally high intrinsic and programmatic merits may be declined for reasons entirely unrelated to any scientific or technical weaknesses.

Contact Information

NV NASA EPSCoR Project Director Dr. Lynn Fenstermaker lynn.fenstermaker@dri.edu 702-862-5412

NV NASA EPSCoR Project Administrator Gibran Chavez-Gudino gibran@nshe.nevada.edu 702-522-7081

NV NASA Program Coordinator Michael Lujan mlujan@nshe.nevada.edu 702-522-7072

Reminder of Key Dates:

Solicitation release from NASA: September 16, 2022

Solicitation release from NV NASA EPSCoR: September 19, 2022

Solicitation Webinar (Q&A): September 22, 2022 (Link on 1st pg of this document)

LOI's due to NSHE: October 3, 2022

Decisions on LOIs to proceed to full proposal: ~October 18, 2022 Full proposals to NV NASA EPSCoR for review: December 1, 2022

Full proposals to NASA: December 15, 2022

Awards Announced: ~ April 3, 2023

ADDITIONAL LINK:

A PDF copy of the current NASA Guidebook for Proposers may be found at:

https://www.nasa.gov/sites/default/files/atoms/files/nasa_guidebook_for_proposers-feb_2022_tagged.pdf