LaSPACE
Support for Advanced Flight Opportunities for Students (SAFOS)
Offered by the Louisiana Space Grant Consortium

Under the authority of the
NASA Space Grant College and Fellowship Program

Louisiana Space Grant Consortium (LaSPACE)
364 Nicholson Hall, Department of Physics and Astronomy
Louisiana State University, Baton Rouge, LA 70803
225.578.8697 | http://laspace.lsu.edu/ | lapspace@lsu.edu
SAFOS Program Summary Page

About the SAFOS Program
The Support for Advanced Flight Opportunities for Students (SAFOS) Program aims to encourage student participation in aerospace research by providing funds for the development of student satellite payloads and other space-engineering products. SAFOS was developed with several established advanced flight programs in mind. Advanced flight projects offer student scientists and engineers a real-world technical and project management experience, which contributes to a skilled technical workforce for the aerospace industry. Funds from SAFOS may be used to support student teams participating in programs like HASP, RockSat-C, and RockSat-X. Other advanced flight programs that emphasize a complete project lifecycle, from design to build through flight and post-flight analysis, are eligible. Senior Design Projects will not be considered, as these programs are supported by pre-existing funding mechanisms from LaSPACE.

Program Summary
- Proposals must be signed off on by the Faculty PI and the Designated Institutional Representative for Sponsored Programs at your institution.
- Award funds can be requested in the range of $5,000 to $25,000. While there is no strict cost-match requirement, many of the advanced flight projects will require more funding than the LaSPACE SAFOS program will supply. You are expected to lay out your plan for acquiring the additional funding, even if you do not claim it as cost-match.
- If you intend to participate in a flight program that launches from a NASA facility (NASA Wallops, CSBF, etc) all participants (faculty, staff, and students) using the facility must be U.S. Citizens.
- Please include student demographic forms with your proposal, if your student teams have already been identified. If not, you must submit those immediately upon recruitment.
- The financial representatives at your institution are expected to invoice LaSPACE at least once every 3 months and no more frequently than once a month, using the official LaSPACE billing form.
- The final invoice and a final technical report must be submitted to the LaSPACE office within 30 days of the project end date. Photographs and copies of all papers, presentations, and posters generated should be shared with LaSPACE as they occur and collected/referenced in the final report. A new final report template is available from the LaSPACE office.

Proposal Submissions
- This program will be open to proposals as long as funding is available. Submit all properly executed proposals via email as fully searchable pdf documents to laspace@lsu.edu.
- Important Dates:
  - Proposal Release Date: Monday, September 10, 2018
  - Proposal Due Date: Open-ended as funding is available or 12/15/2018, whichever comes first.
  - Anticipated Award Announcements: Proposals will be reviewed within 30 days of submittal, whenever possible.
  - Award Period of Performance: 12 to 18 months, with a start date no earlier than 10/01/2018 and no later than 01/15/2019. Specify on proposal summary form.
LaSPACE General Guidelines

Introduction to the Space Grant Program
The Louisiana Space Grant Consortium (LaSPACE) is a Designated Consortium in the NASA National Space Grant and Fellowship Program network, which was designed to network colleges, universities, and state education boards with partners in business, industry, and the non-profit sector in order to promote, develop, and strengthen aerospace science, research, technology, education, and awareness. Our mission is “To enhance Space and Aerospace related research, education, and public awareness throughout the State of Louisiana and thereby promote math/science education, training of professionals, and economic development.” LaSPACE promotes scientific research, workforce development, and public outreach to develop and strengthen long-term research capabilities within Louisiana that will make significant contributions to the research and technology Mission Directorates of NASA while supporting the goals of the state.

Basis of Authority
The Louisiana Space Grant Consortium (LaSPACE) currently comprises Louisiana public and private colleges and universities in addition to business/industry partners and other organizations. The consortium is funded jointly by the National Aeronautics and Space Administration (NASA) and by the Louisiana Board of Regents Support Fund (BORSF). The consortium is administered by the LaSPACE Council, under the aegis of NASA and the Board of Regents. The basis of authority for this and other programs of LaSPACE rests in part on the above funding. It is important, therefore, to note that the implementation of LaSPACE-supported projects must conform to applicable Federal and State regulations, in general, and to the NASA stipulations, in particular.

NASA Agency Information

NASA Vision
We reach for new heights and reveal the unknown for the benefit of humankind.

NASA Mission
Drive advances in science, technology, aeronautics, and space exploration to enhance knowledge, education, innovation, economic vitality, and stewardship of Earth.

From the 2014 NASA Strategic Plan: “NASA’s Vision and Mission statements remind us of our purpose and our path. NASA’s Vision leads to a future with an American-made launch capability supporting cutting-edge science, technology, and human exploration with strong technology and aeronautics programs. We will develop new technologies for use in air, space, and on the ground. We will be a part of a strong, high-tech economy, and we will continue to partner with other nations to create a better world. We will increase our understanding of the universe and our place in it. Our Mission statement outlines our fundamental purpose and role in bringing that Vision to life. As the Nation’s leading organization for research and development in aeronautics and space, we are explorers and innovators who create and use our unique tools and capabilities for the benefit of the Nation and the world.”
NASA Education

NASA contributes to national efforts for achieving excellence in STEM education through a comprehensive education portfolio implemented by the Office of Education, the Mission Directorates, and the NASA Centers. The National Space Grant College and Fellowship Program, from which LaSPACE is derived, is managed through the NASA Office of Education based at NASA Headquarters in Washington D.C., [http://www.nasa.gov/offices/education/about/index.html](http://www.nasa.gov/offices/education/about/index.html). The 2015-2017 NASA Education Implementation Plan (NEIP) provides an understanding of the role of NASA in advancing the nation’s STEM education and workforce pipeline. The document outlines the roles and responsibilities that NASA Education has in approaching and achieving the agency’s and the administration’s strategic goals in STEM Education. The specific purpose of the 2015-2017 NASA Education Implementation Plan is to present and describe the following:

- The alignment of NASA Education with national priorities and the 2014 NASA Strategic Plan;
- The framework for specific and measurable outcomes to guide and monitor performance within the education portfolio;
- The roles, responsibilities and management of the Associate Administrator for Education, the Office of Education, Mission Directorate Leads, and Education Offices;
- The key agency stakeholders responsible for strategic coordination and requirements development;
- The monitoring and control structure for determining the outcomes of NASA’s education portfolio across the agency.

In addition, this document describes the processes and principles of strategic planning and management for all of NASA’s education efforts. It also explains how NASA Education is governed and managed and what internal and external requirements drive this strategy. Complete NEIP available here: [http://www.nasa.gov/sites/default/files/atoms/files/nasa_education_implementation_plan_2015-2017.pdf](http://www.nasa.gov/sites/default/files/atoms/files/nasa_education_implementation_plan_2015-2017.pdf)

NASA Education Mission

Advance high-quality STEM education using NASA’s unique capabilities.

NASA Mission Directorates

Research and technology priorities are aligned with one or more of NASA’s Mission Directorates:

- **The Aeronautics Research Mission Directorate (ARMD),** [http://www.aeronautics.nasa.gov/about_us.htm](http://www.aeronautics.nasa.gov/about_us.htm)

- **Human Exploration and Operations Mission Directorate (HEOMD),** [http://www.nasa.gov/directorates/heo/home/about.html#VXtCQUZURmM](http://www.nasa.gov/directorates/heo/home/about.html#VXtCQUZURmM)

- **Science Mission Directorate (SMD),** [http://science.nasa.gov/about-us/](http://science.nasa.gov/about-us/)

- **Space Technology Mission Directorate (STMD),** [http://www.nasa.gov/directorates/spacetech/about_us/index.html](http://www.nasa.gov/directorates/spacetech/about_us/index.html)

All NASA subprograms must relate to and support one or more of these directorates. Likewise, all programs supported by LaSPACE must support the NASA organization, align with the NASA Strategic Plan and the NEIP, and support the goals of one or more directorates and the Office of Education.
LaSPACE Program
The Louisiana Space Grant Consortium, part of the National Space Grant College and Fellowship Program and in partnership with the Louisiana Board of Regents, supports programs at affiliated academic institutions and other Louisiana organizations that address the NASA mission, federal CoSTEM goals, and state education and economic priorities. LaSPACE programs for Research, Higher Education, Workforce Development, K-12 Teacher Development, and Public Outreach, strengthen the Science, Technology, Engineering, and Math (STEM) education needed for a diverse technical workforce, and develops the research and economic infrastructure to boost Louisiana’s contribution to the aerospace frontier.

Goals and Objectives
LaSPACE Goals and Objectives are directly aligned with NASA Office of Education Lines of Business (LOB) and National Program Emphases on Diversity, Workforce Development, Community Colleges, Pre-College teacher engagement, Competitiveness, NASA Research Relevance, Industry Relations, and State Government Involvement. The updated LaSPACE 2015 Strategic Plan (posted on our website) describes a comprehensive program of Research, Education, and Service via 5 strategic goals, each in line with one or more NASA OE LOB, to (1) Foster aerospace research and education (LOB 2&3), (2) Encourage aerospace industries within Louisiana (LOB 1), (3) Contribute to pre-college STEM education excellence (LOB 4), (4) Engage and educate the general public (LOB 3&4), and (5) Maintain an effective consortium of institutions involved in LaSPACE (LOB 1).

Major objectives for the achievement of these goals includes (1) Support for student and faculty research at consortium institutions, (2) Strengthening interactions between Louisiana aerospace industries, faculty, and students, (3) Increased participation in Space Grant programming with the state’s HBCUs and Community & Technical Colleges, (4) Provide support to undergraduate and graduate students for research, design, and internship opportunities, (5) Engage students in experiential learning environments, (6) Support middle and high school educator training, and (7) Foster informal education and public outreach. Proposals to LaSPACE programs should explicitly support one or more of these seven objectives.

LaSPACE Program Administration & Institutional Coordinators
General administration and management is the responsibility of the LaSPACE Staff headquartered at Louisiana State University (LSU). Questions about applications to any LaSPACE programs should be directed to the Director or Assistant Director. Unless otherwise directed, all proposals should be submitted via email to the program email address (laspace@lsu.edu). Contact info for the program management team is included below.

LaSPACE Program Office
LSU Department of Physics & Astronomy
364 Nicholson Hall, Baton Rouge, LA 70803
Phone: 225.578.8697 General Email: laspace@lsu.edu
T. Gregory Guzik, Director, guzik@phunds.phys.lsu.edu
Colleen H. Fava, Assistant Director, colleenf@lsu.edu
Additionally, all member institutions have appointed an institutional coordinator who sits on the LaSPACE Advisory Council and is available to discuss opportunities and processes related to LaSPACE programs. Contact information for all advisors is provided below. For institutions with a vacancy, contact the program manager listed above.

LaSPACE Affiliate Institutional Coordinators

<table>
<thead>
<tr>
<th>Institution</th>
<th>Coordinator</th>
<th>Email</th>
<th>Phone</th>
</tr>
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<tbody>
<tr>
<td>Baton Rouge Community College (BRCC)</td>
<td>Asoka Sekharan</td>
<td><a href="mailto:sekharan@mybrcc.edu">sekharan@mybrcc.edu</a></td>
<td>225-216-8118</td>
</tr>
<tr>
<td>Delgado Community College (DCC)</td>
<td>Raymond Duplessis</td>
<td><a href="mailto:rduple@dcc.edu">rduple@dcc.edu</a></td>
<td>504-671-6419</td>
</tr>
<tr>
<td>Dillard University (Dillard)</td>
<td>Abdalla Darwish</td>
<td><a href="mailto:adarwish@dillard.edu">adarwish@dillard.edu</a></td>
<td>504-816-4840</td>
</tr>
<tr>
<td>BREC / Highland Road Park Observatory (HRPO)</td>
<td>Christopher Kersey</td>
<td><a href="mailto:observatory@brec.org">observatory@brec.org</a></td>
<td>225-768-9948</td>
</tr>
<tr>
<td>Cain Center for STEM Literacy (Cain Center)</td>
<td>Brenda Nixon</td>
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</tr>
<tr>
<td>Grambling State University (GSU)</td>
<td>Matthew F. Ware</td>
<td><a href="mailto:waremf@gram.edu">waremf@gram.edu</a></td>
<td>318-274-2391</td>
</tr>
<tr>
<td>Louisiana Board of Regents (BOR)</td>
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<tr>
<td>Louisiana Business and Technology Center (LBTC)</td>
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<td>Louisiana State University and A&amp;M College (LSU)</td>
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<tr>
<td>Louisiana State University Health Sciences (LSUHSC)</td>
<td>Lynn Harrison</td>
<td><a href="mailto:lclary@lsuhsc.edu">lclary@lsuhsc.edu</a></td>
<td>318-675-4213</td>
</tr>
<tr>
<td>Louisiana State University of Shreveport (LSU-S)</td>
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<td>Louisiana Tech University (LaTech)</td>
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<td>Loyola University (Loyola)</td>
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<td>504-865-2451</td>
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<td>McNeese State University (McNeese)</td>
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<td><a href="mailto:nzhang@mcneese.edu">nzhang@mcneese.edu</a></td>
<td>337-475-5873</td>
</tr>
<tr>
<td>Nicholls State University (Nicholls)</td>
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<td>985-448-4576</td>
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<tr>
<td>Northshore Technical Community College</td>
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<td><a href="mailto:dugasa@nsu.edu">dugasa@nsu.edu</a></td>
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<tr>
<td>River Parishes Community College (RPCC)</td>
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<td>225-743-8713</td>
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<tr>
<td>SciPort Louisiana’s Science Center (SciPort)</td>
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<td>Southeastern Louisiana University (SELU)</td>
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<td>337-482-5333</td>
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<tr>
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<td><a href="mailto:leclark@ulm.edu">leclark@ulm.edu</a></td>
<td>318-342-1036</td>
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<tr>
<td>University of New Orleans (UNO)</td>
<td>Matt Tarr</td>
<td><a href="mailto:mtarr@uno.edu">mtarr@uno.edu</a></td>
<td>504-280-6323</td>
</tr>
<tr>
<td>Xavier University of Louisiana (Xavier)</td>
<td>Ashwith K. Chilvery</td>
<td><a href="mailto:achilvery@xula.edu">achilvery@xula.edu</a></td>
<td>504-520-5149</td>
</tr>
</tbody>
</table>
LaSPACE Requirements and Restrictions
In this section, requirements and restrictions applied to all LaSPACE programs are summarized. Additional requirements and restrictions pertaining to individual programs offered by LaSPACE are detailed later in these guidelines.

Public Nature of Applications to LaSPACE
Once an application is received in the LaSPACE office, it becomes public record. Although the staff will not disseminate applications to individuals other than to reviewers, applicants should be aware that, if a request for information is made by the public (e.g., the news media), a copy of the application, by law, must be provided.

Disclosure of Information
All LaSPACE programs must conform to applicable Federal, State and NASA regulations and stipulations. This includes annual reporting of award participant information to both the Louisiana Board of Regents and NASA. Part of this information will include both directory information such as name, address, telephone number, date of birth, and demographic information such as gender, ethnicity, and race for all award participants including faculty, staff, and students. Further, LaSPACE outreach includes public dissemination of its supported programs through The Spaceporter Newsletter, the LaSPACE website (http://laspace.lsu.edu/), as well as papers and/or presentations at Space Grant or related Education & Public Outreach conferences. The contents of award reports, including participant names, titles, institution, project summaries, results or conclusions and images, might be included in such public outreach articles. It is not intended that these public articles will disclose directory or demographic information except as aggregated statistical data.

Diversity
It is a national priority to increase diversity in Science, Technology, Engineering, and Mathematics (STEM), from university students, faculty, and staff to industry employees. Traditionally, minority groups and women have been under-represented in the STEM disciplines as students and faculty as well as in the workplace after graduation. LaSPACE is committed to addressing this priority and utilizing its programs, to the degree possible, to increase the diversity among its awardees. All proposers are encouraged to help recruit diverse participants to their proposed projects.

Animal Use
Any project proposing the use of an animal model for validation must include a local IACUC approval letter, fully signed, which specifies a validity period longer than the proposed project period. Failure to obtain the Institutional Animal Care and Use Committee’s approval in advance, is grounds for returning the proposal unreviewed. Attach the IACUC material as an additional appendix.

Human Subjects
Projects that involve human subjects are not acceptable for this program.
Budgeting Restrictions
Capital Equipment purchases and Foreign Travel are not allowable costs. Direct funding is limited to U.S. citizens.

Cost-Share
Space Grant is a federal-state partnership program which requires the generation of matching funds about equivalent to the funds NASA provides to LaSPACE. For certain institutional affiliates, a match may not be possible, so there is not a strict matching formula applied to SAFOS proposals. However, practically speaking, those proposals offering some degree of match are more likely to be approved for funding. The “institutional contribution” column on the attached budget form is to be used to specify any matching funds committed to the project. At the very least a cost-share commitment in the form of faculty mentor time or waived F&A shows an institutional investment to support this student program. Additional funds secured from non-institutional sources (i.e. industry sponsors, fund raisers, etc)) do not need to be listed as certified cost-share.

Disbursement of Funds
LaSPACE Award fund distribution will be managed by the applicant's college or university, either via a cost-reimbursable subcontract if the applicant is at an affiliate other than LSU, or by transfer of funds from LaSPACE to the applicant's department for projects at LSU. The institution/department will assume responsibility for administering, distributing, and documenting costs charged to this program.

Period of Performance
Unless otherwise stated, LaSPACE programs have a default period of performance of no greater than 12 months. Shorter periods of performance may be proposed, or even required by the LaSPACE office, to meet any requirements or restrictions related to the parent grant. No cost extensions (NCEs) for ongoing projects may be submitted to the LaSPACE program office no later than 60 days before the initial project end-date. All NCE requests must include a status report (using the final report template) which addresses all accomplishments made to-date on the project (including all publications, proposals, presentations, patents, etc), where the project is in relation to the originally proposed end date, reasons why the project has been delayed, and a proposed plan for completing the project. This status report must also identify all participants on the project and include demographics for each (students, post-docs, faculty, and staff).
Support for Advanced Flight Opportunities for Students (SAFOS) Application Guidelines

About the SAFOS Program
The Support for Advanced Flight Opportunities for Students (SAFOS) Program aims to encourage student participation in aerospace research by providing funds for the development of student satellite payloads and other space-engineering products. SAFOS was developed with several established advanced flight programs in mind. Advanced flight projects offer student scientists and engineers a real-world technical and project management experience, which contributes to a skilled technical workforce for the aerospace industry. Funds from SAFOS may be used to support student teams participating in programs like HASP, RockSat-C, and RockSat-X. Other advanced flight programs that emphasize a complete project lifecycle, from design to build through flight and post-flight analysis, are eligible. Senior Design Projects will not be considered, as these programs are supported by pre-existing funding mechanisms from LaSPACE.

Background and Objectives
The State of Louisiana's prime goal is to develop a well-trained, technical workforce capable of moving the state forward in R & D, attracting high tech industries, and promoting economic development. This is precisely what NASA desires and what LaSPACE is working to achieve. The core focus of the LaSPACE program continues to be student involvement in genuine scientific research and engineering projects. The long-term goals of SAFOS are to 1) retain promising students in aerospace related science and engineering programs, 2) provide students with real-world experience managing modern aerospace projects, 3) give students practical hands-on experience with a complete project lifecycle, 4) expose students to nationally recognized flight programs, 5) familiarize students with multiple flight platforms used in the aerospace industry, and 6) encourage participation from a diverse student population from institutions across Louisiana.

PI Eligibility
Proposals to the SAFOS RFP may be submitted only by qualified faculty members with PI status at a LaSPACE affiliate academic institution. This person becomes the project’s Principal Investigator (PI) and is responsible for recruiting team members, administering the lessons, mentoring student participants, and monitoring/advising the student teams as they develop their payloads.

Proposal Due Date
We will accept SAFOS proposals beginning Monday, September 17, 2018, and will continue to accept proposals so long as funding remains available or until December 15, 2018. Complete proposals, with all institution approvals and signatures, must be submitted via email as a fully searchable PDF document to laspace@lsu.edu. We will send out a notice when funding is no longer available.
Award Funds
SAFOS awards will range from $5K to $25K, with fully detailed and justified budget narratives. We anticipate selecting at least 4 applications for award. The proposal may include wage support for personnel (including students), funds for travel to launch, and costs for materials, supplies, and support for constructing/testing student payloads and analyzing flight data. A strict cost-share is not required, but some institutional investment will be reviewed favorably.

Final Deliverables
At the end of the project, two final reports are required: the Final Technical Report and the Final Financial Report (Last invoice marked “final”). These reports are due within 30 days of the subcontract expiration date.

The Final Technical Report will be a multi-page write-up that is suitable for transmission to NASA and BOR. This report must follow the guidelines set forth in the final report template available from the LaSPACE Management Team. It should describe the activities undertaken, the participants, and your assessment, as Principal Investigator(s), of the success of the venture, the impact that it had (or will have), any follow-on proposals in preparation/submitted, and any further plans for a continuation of this or similar projects. Photographs of, and testimonials from, student participants should be incorporated. Updated student demographic forms for all students must be included. This report shall be submitted to LaSPACE office (laspace@lsu.edu) via email.
SAFOS Proposal Requirements & Format

SAFOS proposals should be submitted as fully searchable pdf documents via email to laspace@lsu.edu. Proposals must include the following completed sections in the order presented:

- LaSPACE Cover Page
- Proposed Project Summary Form
- Prior LaSPACE Awards Form
- Proposal Narrative (not to exceed 6 pages)
  1. Description of proposed science/engineering project and payload instrument concept.
  2. Implementation plan for the project, which includes the resources, facilities, and personnel available for technical support and mentoring of the student team. Please also include your plan for securing any additional funding required to support the overall project.
  3. Project management plan which includes a description of the team organizational structure, a project schedule, and a table of major milestones (including the required deliverables) for completion of the project.
  4. Plan to recruit and retain student participants in the program (If students have already been recruited at the time of the proposal, include completed student demographic forms for each participant as an appendix).
  5. Anticipated outcomes for student learning and development and benefits to your department and institution.
- Budget (LaSPACE Budget Form followed by detailed narrative justification of all costs)
  Note: It is hoped that for a student team award of this type, your institution will be willing to forego some or all of the indirect charges. Waived indirect may (should) be used as institutional matching funds.
- Principal Investigator Short CV (1-2 pages)
Attachments

Required Proposal Forms

Required Forms for Proposal
All proposals submitted to LaSPACE must use the forms included following this page. Proposals not using these forms may be rejected without review.

- Cover Sheet
- Proposed Project Summary
- Prior LaSPACE Awards
- Proposal Budget Form
- Student Demographic Form (to be completed for proposed projects where the participating student(s) have already been identified; an updated version should be submitted with the final report AND upon request by LaSPACE staff).
LaSPACE SAFOS Program Proposal Cover Sheet

1. Title of Proposed Project: ____________________________________________

2. Principal Investigator:
   (Name) (Highest Degree Earned) (Citizenship)
   (Department)

3. Institution of Higher Education: _______________________________________

4. Address: __________________________ (Street Address/P.O. Box Number)
   (City, State) (Zip Code)

5. Telephone: _______________ FAX: ______________________
   E-mail: ____________________________________________________________________

6. Date of Submission: _________________________________________________

7. Total Funds Requested: $ ___________ Institutional Match: $ ___________

************************************************************************************
Certificate of Compliance with Applicable Executive Orders and U.S. Code: By signing and submitting this proposal, the signatories certify that the statements made in this proposal are true and complete to the best of their knowledge; they agree to comply with LaSPACE award terms and conditions if an award is made as a result of this proposal; and the institution and proposed project are in compliance with all applicable Federal and State laws and regulations including, but not limited to, Executive Order 12549, Debarment and Suspension, 34 CFR Part 85, Section 85.510, Participant’s responsibilities; Non-Discrimination; Certification against Lobbying imposed by section 1352, title 31, U.S. Code; Compliance with China Funding Restriction as detailed in Public Laws 112-10 Section 1340(a) and 112-55, Section 539; ACORN Compliance in accordance with 534 of the Consolidated and Further Continuing Appropriations Act of 2012 (Pub. L.112-55); and does not have a federal tax liability or federal felony conviction (sections 544 and 543 of Public Law 112-55).

8. Signature of Principal Investigator: ________________________________

9. Name of Authorized Institutional Rep: __________________________________

10. Signature of Authorized Institutional Rep: _____________________________

11. Date Signed: _______________________________________________________

Revised 06/2015
## Proposed Project Summary

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<th>NAME OF INSTITUTION (INCLUDE BRANCH/CAMPUS AND SCHOOL OR DIVISION)</th>
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<th>PROJECT TITLE</th>
</tr>
</thead>
</table>

| PROPOSED PERIOD OF PERFORMANCE                                   |
| □ 12 months OR □ 18 months. Proposed start date between 10/01/18 & 01/15/19: ____________________ |

<table>
<thead>
<tr>
<th>ABSTRACT (DO NOT EXCEED 250 WORDS)</th>
</tr>
</thead>
</table>
Prior LaSPACE Awards
(for the most recent 5 years)

For each prior LaSPACE award, as a PI or a Co-I please provide the following:

1. Project Title:

2. Dates:

3. Was a final technical report submitted? ______YES ______NO*

   If no, explain:

4. Did a proposal to a funding agency result? ______NO ______YES

   If yes, Agency:

   Title:

   Date:

   Status: ______Funded ______Declined ______Pending

(Add additional pages as necessary.)
LaSPACE Proposed Budget Form

Include this form in your proposal. Be sure to only ascribe funds to categories explicitly open to the program area to which you are applying. Following this form, include a detailed narrative explanation of all proposed costs.

Proposal Title: __________________________________________________________

Principal Investigator: __________________________________________________

Institution: ________________________________

<table>
<thead>
<tr>
<th></th>
<th>LaSPACE Funds Requested</th>
<th>Institutional Match Funds*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Direct Labor</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Researchers</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>2. Graduate Student(s)</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>3. Undergraduate Student(s)</td>
<td>$</td>
<td>$</td>
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<tr>
<td>4. Fringe Benefits</td>
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<td>$</td>
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<tr>
<td>5. Subtotal A</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>B. Supportive Expenses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Travel</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>2. Supplies &amp; Materials</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>3. Communications &amp; Equipment</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>4. Other Direct Costs (Identify)</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>5. Subcontracts</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>6. Subtotal B</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>7. F&amp;A (Indirect)</td>
<td>$</td>
<td>$</td>
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<tr>
<td><strong>C. Total Project Cost</strong></td>
<td></td>
<td></td>
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<td></td>
<td>$</td>
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</tbody>
</table>

*Must be certified on all financial billings/reports. Revised 09/2018
Student Information Form
(The following is the information we must collect for all students participating in a LaSPACE SG or NASA EPSCoR program.)

Date Completed/Submitted to LaSPACE: ________________________________

Name: ____________________________________  Date of Birth _____________

Address: _____________________________________________________________________________________

Cell Phone: ____________________________  Primary e-mail: ____________________________
Secondary Telephone: ____________________  Secondary e-mail: ____________________________
University: ______________________________  Faculty advisor/mentor: _______________________
Advisor Phone: __________________________  Advisor E-mail: ____________________________
Program (circle one):  GSRA  LURA  Scholars  Senior Design  Intern  LaACES  HASP  REA  RAP
RockOn  SAR  SAFOS  TAP  Other (please explain): ________________________________

U.S. Citizen: _____ Yes _____ No  Gender: _____ M _____ F  Hispanic/Latino: _____ Yes _____ No

Race: _______________________________________________________________________________________
(SELECT ONE or MORE: African-American/Black; Asian; American Indian/Alaskan Native; Native Hawaiian; Pacific Islander; White)

U.S. Military Service? _____ Yes _____ No

Do you have a disability recognized under the American Disabilities Act? _____ Yes _____ No

If yes, please list disability (write n/a, if you do not want to disclose): ________________________________

Will you or your siblings be the first in your family to graduate from college? _____ Yes _____ No

Undergraduate Student: _____ Yes _____ No

Year in School: _________ Major: ________________  Anticipated Graduation (mo./yr.): ____________
(freshman/sophomore/junior/senior)

What do you intend to do after you graduate?
___________________________________________________________________________________________

Graduate Student: _____ Yes _____ No

Degree Sought: ___________ Dept/Major: ________________  Anticipated Graduation (mo./yr.): ____________

What do you intend to do after you graduate?

___________________________________________________________________________________________

Revised 02/2018