

# LaSPACE

## Senior Design Project Support (Senior Design) Program

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 | Fax: 225.578.1222**  
<http://laspace.lsu.edu/> | [laspace@lsu.edu](mailto:laspace@lsu.edu)

*Revised, May 2017*

*All previous versions of this program's guidelines are null and void.*

# Senior Design Program Summary Page

## About the Senior Design Program

The Senior Design Project Support Program is meant to offer supplemental funding in support of high-level student-led research and design projects. Projects must show clear relevance to NASA's mission and ongoing research at one or more of the NASA centers/under the umbrella of one or more of the four mission directorates. This funding source is meant to supplement the cost of materials and supplies and/or travel for competitions related to the student project.

## 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 up to \$4000; no strict cost-match is required, but some institutional investment will impact our evaluation.
- Please include student demographic forms, if your student participants have already been identified. If the team members are not all selected at the time of proposing, please be sure to send the forms in as soon as the students have all been identified.
- All invoices 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.

## Proposal Submissions

- **Submit all properly executed proposals via email as fully searchable pdf documents (converted from Word, not scanned, other than the cover page which requires signatures) to [laspace@lsu.edu](mailto:laspace@lsu.edu) by 11:59 pm on Friday, July 7, 2017.**
- Important Dates:
  - Proposal Release Date: Friday, May 5, 2017
  - Proposal Due Date: Friday, July 7, 2017
  - Anticipated Award Announcements: August 2017
  - Anticipated Period of Performance: ~September 1, 2017 – August 31, 2018

# 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 continue to push the frontier of space. 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. Complete Plan available:

[http://www.nasa.gov/sites/default/files/files/2014\\_NASA\\_Strategic\\_Plan.pdf](http://www.nasa.gov/sites/default/files/files/2014_NASA_Strategic_Plan.pdf)

## 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. NASA will continue the Agency's tradition of investing in the Nation's education programs and supporting the country's educators who play a key role in preparing, inspiring, exciting, encouraging, and nurturing the young minds of today that will manage and lead the Nation's laboratories and research centers of tomorrow.

## NASA Office of Education and Mission Directorates

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>. NASA's education program strives to "inspire and motivate students to pursue careers in science, technology, engineering, and mathematics" by supporting education in the Nation's schools and to "engage the public in shaping and sharing the experience of exploration and discovery" by supporting informal education and public outreach efforts.

NASA identifies three major education goals:

- Strengthening NASA and the Nation's future workforce
- Attracting and retaining students in science, technology, engineering and mathematics, or STEM, disciplines
- Engaging Americans in NASA's mission

Research and technology priorities are based on alignment 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>
- **Science Mission Directorate (SMD),**  
<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 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 Program Manager. Unless otherwise directed, all proposals should be submitted via email to the program email address ([laspace@lsu.edu](mailto: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 Fax: 225.578.1222  
T. Gregory Guzik, Director, [guzik@phunds.phys.lsu.edu](mailto:guzik@phunds.phys.lsu.edu)  
Colleen H. Fava, Manager, [colleenf@lsu.edu](mailto: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

Baton Rouge Community College (BRCC)	Asoka Sekharan	<a href="mailto:sekharan@mybrcc.edu">sekharan@mybrcc.edu</a>	225-216-8118
Delgado Community College (DCC)	Raymond Duplessis	<a href="mailto:rduple@dcc.edu">rduple@dcc.edu</a>	504-671-6419
Dillard University (Dillard)	Abdalla Darwish	<a href="mailto:adarwish@dillard.edu">adarwish@dillard.edu</a>	504-816-4840
BREC / Highland Road Park Observatory (HRPO)	Christopher Kersey	<a href="mailto:observatory@brec.org">observatory@brec.org</a>	225-768-9948
Cain Center for STEM Literacy (Cain Center)	Brenda Nixon	<a href="mailto:bnixon@lsu.edu">bnixon@lsu.edu</a>	225-578-4082
Grambling State University (GSU)	Matthew F. Ware	<a href="mailto:waremf@gram.edu">waremf@gram.edu</a>	318-274-2391
Louisiana Arts and Science Museum (LASM)	vacant	<a href="#">vacant</a>	vacant
La Board of Elementary & Secondary Education (BESE)	Ann Wilson	<a href="mailto:Ann.wilson@la.gov">Ann.wilson@la.gov</a>	225-342-0140
Louisiana Board of Regents (BOR)	Jessica Patton	<a href="mailto:jessica.domingue@la.gov">jessica.domingue@la.gov</a>	225-342-4253
Louisiana Business and Technology Center (LBTC)	Roy Keller	<a href="mailto:rkeller@lsu.edu">rkeller@lsu.edu</a>	225-578-3985
Louisiana State University and A&M College (LSU)	Ram Devireddy	<a href="mailto:devireddy@me.lsu.edu">devireddy@me.lsu.edu</a>	225-578-5891
Louisiana State University Agricultural Center (LSU-Ag)	Wade Baumgartner	<a href="mailto:wbaumgartner@agcenter.lsu.edu">wbaumgartner@agcenter.lsu.edu</a>	225-578-7742
Louisiana State University Health Sciences (LSUHSC)	Lynn Harrison	<a href="mailto:lclary@lsuhsc.edu">lclary@lsuhsc.edu</a>	318-675-4213
Louisiana State University of Shreveport (LSU-S)	Urška Cvek	<a href="mailto:urska.cvek@lsus.edu">urska.cvek@lsus.edu</a>	318-795-4266
Louisiana Tech University (LaTech)	Niel Crews	<a href="mailto:ncrews@latech.edu">ncrews@latech.edu</a>	318-257-5109
Loyola University (Loyola)	Martin McHugh	<a href="mailto:mmchugh@loyno.edu">mmchugh@loyno.edu</a>	504-865-2451
McNeese State University (McNeese)	Ning Zhang	<a href="mailto:nzhang@mcneese.edu">nzhang@mcneese.edu</a>	337-475-5873
Nicholls State University (Nicholls)	Chadwick H. Young	<a href="mailto:chad.young@nicholls.edu">chad.young@nicholls.edu</a>	985-448-4879
Northwestern State University of Louisiana (NWSU)	Austin L. Temple Jr.	<a href="mailto:temple@nsula.edu">temple@nsula.edu</a>	318-357-6699
River Parishes Community College (RPCC)	Esperanza Zenon	<a href="mailto:ezenon@rpcc.edu">ezenon@rpcc.edu</a>	225-743-8713
SciPort Louisiana's Science Center (SciPort)	Ann S. Fumarolo	<a href="mailto:afumarolo@sciport.org">afumarolo@sciport.org</a>	318-242-3466
Southeastern Louisiana University (SELU)	vacant	<a href="#">vacant</a>	vacant
Southern University and A & M College (SUBR)	Diola Bagayoko	<a href="mailto:bagayoko@aol.com">bagayoko@aol.com</a>	225-771-2730
Southern University of New Orleans (SUNO)	Illya Tietzel	<a href="mailto:itietzel@suno.edu">itietzel@suno.edu</a>	504-286-5111
Tulane University (Tulane)	Mark J. Fink	<a href="mailto:fink@tulane.edu">fink@tulane.edu</a>	504-862-3568
University of Louisiana at Lafayette (ULL)	Afef Fekih	<a href="mailto:afef.fekih@louisiana.edu">afef.fekih@louisiana.edu</a>	337-482-5333
University of Louisiana at Monroe (ULM)	Leonard Clark	<a href="mailto:leclark@ulm.edu">leclark@ulm.edu</a>	318-342-1036
University of New Orleans (UNO)	Matthew S. Tarr	<a href="mailto:mtarr@uno.edu">mtarr@uno.edu</a>	504-280-6323
Xavier University of Louisiana (Xavier)	Ashwith K. Chilvery	<a href="mailto:achilver@xula.edu">achilver@xula.edu</a>	504-520-5149

## 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 Senior Design 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 shows an institutional investment to the program.

## 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 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).

# Senior Design Project Support (Senior Design) Program

## Application Guidelines

### About the Senior Design Program

The Senior Design Project Support Program is meant to offer supplemental funding in support of high-level student-led research and design projects. Projects must show clear relevance to NASA's mission and ongoing research at one or more of the NASA centers/under the umbrella of one or more of the four mission directorates. This funding source is meant to supplement the cost of materials and supplies and/or travel for competitions related to the student project.

### 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.

### PI Eligibility

Proposals to the Senior Design RFP may be submitted only by qualified faculty members at a LaSPACE affiliate academic institution. This person becomes the project's Principal Investigator (PI) and is responsible for administering the funds, monitoring the student teams as they develop their projects, and managing the team's reporting requirements to LaSPACE.

### Award Funds

Senior Design awards are capped at \$4000. The proposal may include costs for materials, supplies, and support for constructing/testing student products, and may include travel costs if a competition is associated with the final deliverable. A strict cost-share is not required, but some institutional investment will be reviewed favorably. The Senior Design Project Support Program is meant to supplement the cost of developing and building a final product as part of a senior design course.

### 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 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](mailto:laspace@lsu.edu)) via email.

## Senior Design Proposal Requirements & Format

Senior Design proposals should be submitted as fully searchable pdf documents via email to [laspace@lsu.edu](mailto: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 (most recent 5 years)
- Proposal Narrative (not to exceed 5 pages)
  - Introduction: State the problem to be addressed
  - Background research summary
  - Implementation Methodology with Timetable (The methodology to be employed in the project should be succinctly described. A concise timetable, preferably in a tabular form, should be provided. Key steps or milestones toward the successful completion of the project should be shown in this table. Background information should be provided as needed).
  - Project Team: List student team members (name, major, project role, email address)
  - Anticipated outcomes for student learning and development, including professional development activities such as poster presentations, written reports, competitions, etc.
  - Evaluation procedure/mechanism
- Budget (LaSPACE Budget Form followed by narrative explanation 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)
- Student Forms (include student demographic forms for each known member of the team).

# 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 Senior Design 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: \$ \_\_\_\_\_
- \*\*\*\*\*
- Certification 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: \_\_\_\_\_

## Proposed Project Summary

NAME OF INSTITUTION (INCLUDE BRANCH/CAMPUS AND SCHOOL OR DIVISION)

ADDRESS (INCLUDE DEPARTMENT)

PRINCIPAL INVESTIGATOR

PROJECT TITLE

PROPOSED PROJECT START DATE

09/01/2017

ABSTRACT (DO NOT EXCEED 250 WORDS)

## Prior LaSPACE Awards

(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: \_\_\_\_\_

	LaSPACE Funds Requested	Institutional Match Funds*
<b>A. Direct Labor</b>		
1. Researchers	\$	\$
2. Graduate Student(s)	\$	\$
3. Undergraduate Student(s)	\$	\$
4. Fringe Benefits	\$	\$
5. Subtotal A	\$	\$
<b>B. Supportive Expenses</b>		
1. Travel	\$	\$
2. Supplies & Materials	\$	\$
3. Communications	\$	\$
4. Equipment	\$	\$
5. Other Expenses (Identify)	\$	\$
6. Subcontracts	\$	\$
7. Subtotal B	\$	\$
8. F&A (Indirect)	\$	\$
<b>C. Total Project Cost</b>		
	\$	\$

*\*Must be certified on all financial billings/reports.*

*Revised 06/2015*

# 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 \_\_\_\_\_

Permanent Address: \_\_\_\_\_  
\_\_\_\_\_

Primary Telephone: \_\_\_\_\_ Primary e-mail: \_\_\_\_\_

Secondary Telephone: \_\_\_\_\_ Secondary e-mail: \_\_\_\_\_

University: \_\_\_\_\_ Faculty advisor/mentor: \_\_\_\_\_

Advisor Phone: \_\_\_\_\_ Advisor E-mail: \_\_\_\_\_

Project (circle one): GSRA LURA MRS Scholars Senior Design Intern LaACES HASP REA RAP  
Other (please explain): \_\_\_\_\_

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

Race: \_\_\_\_\_  
(SELECT ONE: 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?  
\_\_\_\_\_