

# CT SPACE GRANT COLLEGE CONSORTIUM

# REQUEST FOR PROPOSALS

# **Student Programs**

Graduate Research Fellowship
Undergraduate Research Fellowship
Undergraduate & Community College Scholarships Student
Project
Senior Design Project
Travel Grant
Summer/Academic Year Industrial Internship
Helicopter/UAS Training Workshop
RockOn Workshop
NASA Academy Fellowship Grant

*History*: In order to encourage broader participation in NASA research programs, Trinity College, University of Connecticut, University of Hartford, and the University of New Haven formed the Connecticut Space Grant College Consortium in 1991. The philosophical intent of this program was, and continues to be, to build a research infrastructure in Connecticut which supports the aerospace, space science, engineering and technology related initiatives of federal and state government and private industry.

**Research infrastructure** includes all factors that promote the development and maintenance of research activity. These include, but are not limited to, faculty and student seed funds for research, development or revision of curricula, and travel to use NASA facilities, cultivate collaborative arrangements or proposal contacts, technical support, and dissemination of research results. Due to the relatively small size of awards, the applicant should be aware that the Consortium is interested in supporting scholars new to their fields, and those experienced researchers who are looking to redirect their research or refocus on NASA's objectives. These funds are seed money and not a replacement for other sponsored research funds or institutional funds.

**Contact Points:** Each **Consortium Member** institution has a Campus Director (listed below). Questions should be directed to that person. If you are unable to contact the appropriate Campus Director, inquiries may be directed to the Consortium Office.

#### Universities

Central Connecticut State University
Dr. Alfred Gates, Campus Director
School of Technology
1615 Stanley Street
New Britain, CT 06050
860.832.1823
gatesa@ccsu.edu

#### **Southern Connecticut State University**

Dr. Christine Broadbridge, Campus Director Physics Department 501 Crescent Street New Haven, CT 06515 203.392.6461 203.392.6466 (Fax) broadbridgec1@southernct.edu

#### **University of Connecticut**

Ms. Joy Erickson, Campus Director School of Engineering. Bronwell 108 – Unit 2262 260 Glenbrook Road Storrs, CT 06269-2247 860.486.8115 860.486.5099 (fax) joy.erickson@huconn.edu

#### University of New Haven

Dr. Dequan Xiao, Campus Director Dept. of Chemistry & Chemical Engineering 300 Orange Avenue West Haven, CT 06516 203.479.4189 dxiao@newhaven.edu

### Community Colleges

#### **Capital Community College**

Linda Domentiz, Campus Director 950 Main Street Hartford, CT 06103 860.906.5108 ldomenitz@capitalcc.edu

#### Naugatuck Valley Community College

Dr. Peter Angelastro, Campus Director 750 Chase Parkway Ekstrom Hall, E411 Waterbury, CT 06708 203.596.86908 pangelastro@nv.edu

#### **Eastern Connecticut State University**

Dr. Elizabeth A. Cowles, Campus Director 354 Science Building 83 Windham Street Willimantic, CT 06226 860.465.4385 860.465.5213 (Fax) cowlese@easternct.edu

#### **Trinity College**

Dr. John Mertens, Campus Director Department of Engineering 300 Summit Street Hartford, CT 06106 860.297.2301 john.mertens@trincoll.edu

#### **UConn Health Center**

TBD

#### Wesleyan University

Dr. Seth Redfield, Campus Director Astronomy Department 96 Foss Hill Drive Middletown, CT 06059 860.685.3669 860.685.2131 (Fax) sredfield@wesleyan.edu

#### **Gateway Community College**

Susan Spencer or Eric Flynn, Campus Director 20 Church Street New Haven, CT 06510 203.285.2452 or 203.285.2371 sspencer@gatewayct.edu or eflynn@gatewayct.edu

#### **Three Rivers Community College**

Patrick Knowles, Campus Director Chair Technologies Department 574 New London Turnpike Norwich, CT 06360 860.215.9445 pknowles@trcc.commnet.edu

#### Fairfield University

Dr. Bill Taylor, Campus Director School of Engineering 1073 N. Benson Road Fairfield, CT 06824 203.254.4000 x2501 203.254.4013 (Fax) htaylor@mail.fairfield.edu

#### University of Bridgeport

Dr. Jani Pallis, Campus Director Department of Mechanical Engineering 221 University Avenue Bridgeport, CT 06604 203.576.4579 203.576.4343 (Fax) jpallis@bridgeport.edu

#### University of Hartford

Dr. Jean McGivney-Burelle, Campus Director ENHP, Department of Education 200 Bloomfield Avenue West Hartford, CT 06117 860.768.5921 860.768.5244 (fax) burelle@hartofrd.edu

#### Yale University

Dr. Hector Arce, Campus Director Department of Astronomy P.O. Box 208101 New Haven, CT 06520-8101 203.432.3018 hector.arce@yale.edu

#### **Housatonic Community College**

Shirley Zajdel, Campus Director 900 Lafayette Boulevard Bridgeport, CT 06604 203.332.5155 szajdel@hcc.commnet.edu

#### **Tunxis Community College**

Dr. Karen Wosczyna-Birch, Campus Director 271 Scott Swamp Road Farmington, CT 06032 860.490.4545 kwosczyna-birch@commnet.edu

Consortium Office: Janet Spatcher, Program Coordinator

University of Hartford, 200 Bloomfield Avenue (Dana 203), West Hartford, CT 06117

<a href="https://www.ctspacegrant.org">www.ctspacegrant.org</a> ctspgrant@hartford.edu

860.768.4813 860.768.5073 (fax)

Dr. Hisham Alnajjar, Director <u>alnajjar@hartford.edu</u> 860.768.4846 860.768.5073 (fax) Mary "Cater" Arico, Associate Director arico@hartford.edu 860.768.4681 Dr. Beth Taylor, Assistant Director <u>betaylor@hartford.edu</u> 860.768.4831

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# **Proposal Development Considerations**

Proposal research/work should be related to one of NASA's strategic enterprises. They are Space Science, Mission to Planet Earth, Human Exploration and Development of Space, Space Technology and Aeronautics.

Preference will be given to applications which provide a contact made with either NASA or other federal agencies with aerospace or space related interests, or with private industry. These contacts can be facilitated through the Consortium Office or Consortium Campus Director.

For use of NASA facilities, University Affairs Offices at NASA Centers may be contacted. Contact information and NASA facility missions statements may be found at each of the NASA facilities web sites. For a directory of facility web sites see: <a href="http://www.nasa.gov/about/sites/index.html">http://www.nasa.gov/about/sites/index.html</a>

# **Eligibility Requirements**

Recipients of Space Grant money must provide proof of U.S. Citizenship in the form of one of the following (photocopy is acceptable):

- U. S. Passport (may be currently valid or expired)
- Citizenship Certificate
- Naturalization Certificate
- Birth Certificate
- Voter's Registration Card
- U.S. Citizen Identification Card
- American Indian Card
- Military or Company ID Card (Must show citizenship)
- Certified letter from some other organization that has verified citizenship

## **Review of Proposals**

The proposal review committee is composed of the academic campus director members. Reviews are performed a few weeks after the submission of proposals. The reviewers may request additional information, if needed. The request will be made through the Consortium Office. Decisions are anticipated within six weeks. The rubrics shown below will be used by the reviewers to assess the proposals.

# Selection Criteria: The following rubrics will be used to identify funded projects.

1. Graduate/Undergraduate Research Fellowships, Student Project, Senior Design Project Rubric

	Project Rubric					
	STRONGLY EVIDENT	EVIDENT	SOMEWHAT EVIDENT	NOT EVIDENT	Max Score	
Abstract	States a specific testable research question	States a clear, but untestable research and background question	States a vague, untestable research question	No research question posed	10	
Relation to NASA's strategic goals	Clearly stated and directly related to the mission of NASA/aerospace/STEM	Clearly stated and to some degree agrees with the mission of NASA/aerospace/STEM	Clearly stated but does not agree with the mission of NASA/aerospace/STEM	Not stated and/or not clear	15	
Methodology	Provides a clear explanation of the proposed experimental or theoretical methods/ hypothesis /prototype/product	Provides an adequate explanation of the proposed experimental or theoretical methods/hypothesis/prototype/product	Provides an unorganized explanation of proposed experimental or theoretical methods/hypothesis/prototype/product	Explanation of experimental methods missing	15	
Feasibility & Timeline (planning)	The facilities are available and the timeline is appropriate for conducting the proposed research	The facilities are available but the timeline is inappropriate for conducting the proposed research	The facilities are not adequately available. The schedule is vague, not within program limits, or has unrealistic timeline	Neither the facilities nor the timeline are appropriate for conducting the research	15	
Budget Narrative and Worksheet	There is a clear, detailed, budget plan, including a justification of expenditures for the proposed plan and a complete budgetary schedule for the length of the program	There is a budget plan with a justification of expenditures for the proposed project and a partial budgetary schedule.	There is a budget plan with little justification of expenditures.	There is no budget plan provided.	15	
Expected outcome	The deliverables are clear, innovative, with a clear assessment plan and obtainable in the specified time frame	The deliverables are clear, innovative, with a clear assessment plan but it is not clear how this could be accomplished in the specified time frame	The deliverables are not clear and the assessment plan does not match the deliverables	The deliverables are not clear and no assessment plan is provided	20	
Career potential	Relationship to prior work and future plans is well documented	Relationship to prior work and future plans is not well documented	Relationship to prior work and future plans is poorly documented	Relationship to prior work and future plans is not documented	5	
Contact with NASA	The research contact made with NASA Agency, corporation and/or documented faculty member			No research contact with NASA, cooperation and/or documented faculty member	5	
					100	

# 2. Travel Grant Rubric

					Max
	STRONGLY EVIDENT	EVIDENT	SOMEWHAT EVIDENT	NOT EVIDENT	Score
Abstract	The abstract is clear, concise and gives the reader an excellent sense of the scope of the travel	The abstract is clear and concise	The abstract is somewhat clear and concise	The abstract is unclear and/or not concise	5
Purpose of Travel and Invitation	There is a clear and detailed description of and rationale for travel, including invitation to participate and/or other supporting material	There is a description of and rationale for travel, including an invitation to participate and/or other supporting material	There is a description of and rationale for travel. There is no invitation to participate and weak or no supporting material	There is not a description of, nor rationale for travel. There is no invitation to participate nor supporting material	20
Relevance to NASA's strategic goals	The purpose of the travel is very relevant to one or more of NASA's strategic goals	The purpose of the travel is relevant to one or more of NASA's strategic goals.	The proposed project is somewhat relevant to one or more of NASA's strategic goals	The proposed project is not relevant to one or more of NASA's strategic goals.	15
Goals and Objectives	The goals and objectives of the travel are clearly stated. There are compelling reasons offered to pursue travel	The goals and objectives are of the travel are clearly stated. There is some evidence to support the importance of this travel	The goals and objectives are unclear. There is little evidence to support the importance of this travel	The goals and objectives are not clearly stated. There is no evidence to support the importance of this travel	20
Timetable	The proposal includes a clear and detailed timeline of travel, which is aligned with the goals and objectives	The proposal includes a timeline of travel, which is aligned with the goals and objectives	The timeline provided is either unclear or lacks sufficient detail. There is a weak alignment with the goals and objectives	There is a weak/missing timeline. There is no alignment with the goals and objectives	5
Budget Narrative and Worksheet	There is a clear, detailed, budget plan, including a justification of expenditures for the proposed travel and a complete budgetary schedule for the length of the travel	There is a budget plan with a justification of expenditures for the proposed travel and a partial budgetary schedule	There is a budget plan with little justification of expenditures. The schedule is vague, not within program limits, or has unrealistic explanations	There is no budget plan provided	15
Recent Award	Never	Three or more years ago	Two years ago	Last year	5
Expected outcome	There is great potential for innovation, publications, or future funding. The proposal includes well-defined plan for disseminating findings	There is good potential for innovation, publications, or future funding. The proposal includes a plan for disseminating findings	There is some potential for innovation, publications, or future funding. The proposal does not include a plan for disseminating findings	There is little/no potential for innovation, publications, or future funding. The proposal does not include a plan for disseminating findings	15
					100

# 3. Directed Campus and Community College Scholarship Rubric

	Outstanding (17-20)	Above Average (13-16)	Average (9-12)	Below Average (5-8)	Does Not Qualify (0-4)
Academic and career goals relate to the CT Space Grant Consortium mission					
Student demonstrates and/or describes interest in science and technology subject matter and careers					
Student demonstrates and describes community service, extracurricular, work and/or academic honors, experiences and awards that support his or her application to the award					
Student describes benefits from receiving the scholarship and/or articulates reasons for deserving the scholarship					
Application is complete: Cover sheet; narrative; letter of recommendation; resume; transcript; verification form and demographic information					

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TOTAL POINTS:	/100		
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### **Application Submission**

The CT Space Grant College Consortium only accepts materials submitted via email, following the specified format requirements. Individual application coversheets (organized by grant award type) can be found on the Consortium website under Forms on www.ctspacegrant.org. (Application checklists can be found on the pages that follow.)

# **Project Periods**

Awards may be for the single semester, full academic year, and/or summer time periods. The applicant <u>must include specific beginning and ending dates</u> on the Application Cover Sheet. Project should be completed within 12 months of award date.

\* **Please Note:** Award decisions will be made approximately 6 weeks following the application deadline.

## **Tax Consequences of Awards**

Award recipients should familiarize themselves with the tax laws to determine the tax status of their grants. The CT Space Grant College Consortium does not give tax advice. Recipients may find it helpful to consult the Internal Revenue Service (IRS) Publication #520, "Scholarships and Fellowships", which is available at IRS offices. Any questions regarding the tax status of awards should be addressed to the IRS. Income Code 15 is available on-line at: <a href="http://www.irs.gov/publications/p15/index.html">http://www.irs.gov/publications/p15/index.html</a>.

## **Evaluation of Funded Projects and Reporting Requests**

<u>Report</u>: CT Space Grant Consortium requires a project report from each funded student upon completion of the research/project/travel-related work. The required reporting format is available for download on the Consortium website (<a href="www.ctspacegrant.org/forms">www.ctspacegrant.org/forms</a>). The Consortium considers a successful project an investment in the future of the researcher, their department and the institution, and therefore tracks these outcomes for reporting to NASA. Following are just a few examples of outcomes that represent success: patents and published papers, increased institutional collaboration, and an increase in the number of proposal submissions.

<u>Longitudinal Tracking</u>: CT Space Grant and NASA require tracking of all significant student awardees to their "next career step". Please be aware that you will be contacted by your Campus Director to follow up on your career path and/or progress.

<u>Poster Session</u>: Students are required to furnish a research poster for an annual forum which follows the completion of the award-related work/research. Details will be communicated closer to the date.

<u>Outreach</u>: Student award recipients are asked to share their knowledge of and enthusiasm for STEM careers by volunteering for outreach within the college or middle/high school community

of their choice. Example: giving a presentation to a local middle school class about STEM studies or careers. Please give a brief summary, 3-4 sentences, of your outreach including photographs, to the Consortium Office. This documentation must be included in your final report. Potential outreach opportunities and previous student experiences are available on the CT Space Grant website: <a href="www.ctspacegrant.org/about-us/outreach">www.ctspacegrant.org/about-us/outreach</a>.

<u>Public Information</u>: This is a federal grant; therefore information such as title, abstract, names, institution and year will be posted on the CTSGC website and will be kept there for an extended period of time.

#### **Funds Distribution**

Graduate Research Fellowships: Funds will be available upon successful completion of an 'Amendment' between the grant awardee's institution and the University of Hartford, and then will be paid to grant awardee's institution to be distributed according to its policies related to graduate student research grants. Graduate applicants should meet with their respective institution's grants' office prior to application submission. Note that the Consortium requests a final report(s) and a summary of your outreach activity related to fellowship research. Details will be conveyed within the award agreement.

<u>Undergraduate Research Fellowships</u>: Funds will be distributed in two payments to the student's institution; the institution will pay the student upon completion of an 'Amendment' between the institution and the University of Hartford. The first payment will be \$3,000 at the beginning of research. The remaining balance will be paid upon submittal of a project report and outreach summary to the Consortium Office, once the research is complete. Report forms are available on the CSGC website: <a href="www.ctspacegrant.org/forms">www.ctspacegrant.org/forms</a>.

<u>Summer/Academic Year Internships</u>: Funds will be distributed in divided payments directly to the industry partner, as follows: \$2,000 at the beginning of the internship, a second distribution of \$2,000 paid upon receipt of a mid-point report from the industry supervisor of satisfactory performance, with the final \$2,000 balance paid upon submission of a report and outreach summary from the intern awardee and final report from the supervisor to the Consortium Office once the internship is complete. Student interns will be paid in accordance with the industry sponsor practices.

<u>Student Projects/Senior Design Projects</u>: Funds will be paid to the student's institution upon receipt of a detailed invoice on a reimbursement basis; the institution will pay the student upon completion of an 'Amendment' agreement between the institution and the University of Hartford. Submission of a completed budget form (most institutions will also need original receipts).

<u>Travel Grants</u>: Funds will be paid to the student's institution on a reimbursement basis. CSGC will pay detailed invoices from the affiliate upon completion of an 'Amendment' to the subaward master agreement. Most affiliate institutions will require detailed, itemized receipts. Contact your Campus Director for details. No travel advances will be allowed from Consortium funds. *International travel is not allowed to be funded with Space Grant dollars*.

<u>Community College Scholarships</u>: Full amount paid directly to the student award recipient from their respective institution Financial Aid Office.

<u>Undergraduate Directed Campus Scholarships</u>: Full amount paid directly to the student award recipient from their respective institution Financial Aid Office.

<u>Helicopter/UAS Workshop Grants</u>: CTSG will cover full workshop registration and room/board, which are paid directly to the Helicopter/UAS Workshop. Out of state travel to/from the workshop requires the completion of a Travel Grant.

<u>RockOn</u>: (Rocket Payload Assembly Workshop, Wallops, VA) Registration paid by CT Space Grant. Additionally, room/board/travel will be supported up to \$1,000 per participant upon completion of an 'Amendment' to the affiliate agreement and submittal of required Awardee Verification Form to the Consortium Office. Travel funds will be reimbursed to the student from their home institution.

# **Award Details**

# **Graduate Research Fellowships**

**Award** – Graduate Student Research Fellowships are currently available, up to \$20,000 each. Refer to the Consortium website (<a href="www.ctspacegrant.org/fellowships-and-grants/student-opportunities">www.ctspacegrant.org/fellowships-and-grants/student-opportunities</a>) for the number of awards available this program year. A student is eligible for one Space Grant fellowship per program year. (Note: Space Grant Fellowship recipients cannot receive other federal fellowships or traineeships while receiving a Space Grant fellowship. Please be sure to specify the proposed period of performance within your application to ensure no overlap of federal fellowships/traineeships.)

**Eligibility** – Graduate student applicants must be full-time graduate students at one of the Consortium Member Institutions with a minimum GPA of 3.0 or higher for the duration of the award period. First semester graduate students should provide undergraduate transcript. Applicants must provide proof of U.S. Citizenship through the grant verification form.

**Award Opportunities** – Funding opportunities are available to Graduate Students preparing for careers useful to NASA.

**Proposal Format and Checklist -** Submit application following CT Space Grant email submission guidelines. Required components of the Graduate Research Fellowship Application can be found in the Application Checklist.

**Reporting** - A project report will be requested upon completion of the fellowship work. A reporting format is available at <a href="https://www.ctspacegrant.org/forms">www.ctspacegrant.org/forms</a>.

**Outreach:** Fellowship award recipients are required to share their knowledge of and enthusiasm for STEM careers by performing outreach within the college, community college, or middle/high school community of their choice. Example: giving a presentation to a local middle/high school class or to college first year students about STEM studies or careers. Please give a brief summary, 3-4 sentences, of your outreach including photographs, to the Consortium Office. For additional information on outreach opportunities, please refer to the CTSG website, www.ctspacegrant.org/forms

**Poster Session -** Students will be required to furnish a research poster for an annual forum following the completion of their research.

**Eligible Budget Items** – The budget may include items such as tuition, technician and support staff salaries, summer salaries, student stipends, fringe benefits, supplies, and materials. No indirect costs may be charged to the NASA Grant. Refer to OMB Circular A-21 for details. To avoid duplication with other Consortium Grant programs, travel may not be charged.

## **Undergraduate Research Fellowships**

**Awards** – Undergraduate Student Research Fellowships are currently set at \$5,000 for the program year. Refer to the Consortium website (<a href="www.ctspacegrant.org/fellowships-and-grants/student-opportunities">www.ctspacegrant.org/fellowships-and-grants/student-opportunities</a>) for the number of awards available this program year. A student is eligible for one fellowship per program year.

**Eligibility** – Undergraduate student applicants must be full-time students at the time of application and during the entire project period at one of the Consortium Member Institutions with a minimum GPA of 3.0 or higher. Applicants will be asked to provide proof of U.S. Citizenship through the Grant Verification Form.

Award Opportunities –Students may be preparing for senior design projects, honors research, or searching for an educational experience, which is consistent with the mission of NASA as exemplified by its four strategic enterprises: Earth Science, Space Science, Human Exploration and Development of Space, and Office of Aero-Space Technology and/or which will assist them in establishing relationships within NASA, and/or with local industrial contacts. Students desiring to complete their fellowship in collaboration with local STEM companies should contact the companies in advance and include a letter of support from the firm along with their application.

**Proposal Format and Checklist -** Submit application following CT Space Grant email submission guidelines. Required components of the Undergraduate Fellowship Application can be found in the Application Checklist.

**Reporting** - A project report is required upon completion of the fellowship work. A reporting format is available at <a href="https://www.ctspacegrant/forms">www.ctspacegrant/forms</a>.

**Outreach:** Undergraduate Fellowship award recipients are required to share their knowledge of and enthusiasm for STEM careers by volunteering for outreach within the college or middle/high school community of their choice. Example: giving a presentation to a local middle/high school class or to college first year students about STEM studies or careers. Please give a brief summary, 3-4 sentences, of your outreach including photographs, to the Consortium Office. For additional information on outreach opportunities, please refer to the CTSG website.

**Poster Session -** Students will be required to furnish a research poster for an annual forum following the completion of their research.

# **Undergraduate & Community College Scholarships**

#### Awards:

<u>Undergraduate Directed Campus Scholarships</u> are currently set at \$5,000 for the program year. One scholarship will be awarded to each four-year undergraduate Academic Affiliate member of the Consortium. A student is eligible for one fellowship or scholarship per program year.

<u>Community College Scholarships</u> are currently set at \$500 for the program year. Two scholarships will be awarded to each Community College Academic Affiliate member of the Consortium. A student is eligible for one scholarship per program year.

**Eligibility** – Undergraduate student applicants must be full-time students at the time of application at one of the Consortium Member Institutions with a minimum GPA of 3.0 or higher. Applicants will be asked to provide proof of U.S. Citizenship through the Grant Verification Form.

**Proposal Format and Checklist -** Submit application following CT Space Grant email submission guidelines. Required components of the Undergraduate and Community College Scholarship Applications can be found in the Application Checklist.

**Reporting** - A short report is required prior to scholarship payment. A reporting format is available at <a href="https://www.ctspacegrant/forms">www.ctspacegrant/forms</a>.

# **Summer/Academic Year Industrial Internships**

CT Space Grant College Consortium contacts Connecticut-based industries, including UTC Divisions, in an effort to aid in securing summer (full-time) and 10 week academic year (part-time) internship opportunities for the applicants. The Consortium office will work with applicants directly to aid them in securing meaningful summer and/or academic year industrial internships. Applicants must apply by the application deadline.

**Award** – Undergraduate/Graduate Students of affiliated institutions are eligible to apply. Internships will be dispensed dependent upon the funding available, the applicant pool and industry's ability to accommodate the internships. Refer to the Consortium website (<a href="www.ctspacegrant.org/fellowships-and-grants/student-opportunities">www.ctspacegrant.org/fellowships-and-grants/student-opportunities</a>) for the number of awards available this program year.

**Eligibility** – Undergraduate/Graduate student applicants must be full-time students at one of the Consortium Member Institutions with a minimum GPA of 3.0 or higher. Applicants must provide proof of U.S. Citizenship through the grant verification form. CT Space Grant funds are only available to US Citizens.

**Proposal Format and Checklist -** Submit application following CT Space Grant email submission guidelines. Required components of the Industrial Internship Application can be found in the Application Checklist.

**Reporting** – An internship report is required upon completion of the internship work. A reporting format is available on the Consortium website (<a href="www.ctspacegrant.org/forms">www.ctspacegrant.org/forms</a>).

**Poster Session -** Students will be required to furnish an internship-related poster for an annual forum.

## Helicopter/UAS Workshop

**Award** – Undergraduate/Graduate Students of affiliated institutions are eligible to apply. The registration fee will be automatically paid to the Workshop for all Connecticut Space Grant Consortium students selected for participation. Refer to the Consortium website (<a href="www.ctspacegrant.org/fellowships-and-grants/student-opportunities">www.ctspacegrant.org/fellowships-and-grants/student-opportunities</a> ) for the number of awards available this program year. (Students requiring out of state travel must complete a Travel Grant application.)

**Eligibility** – Undergraduate/Graduate student applicants must be at least 18 years of age and a full-time student at one of the Consortium Member Institutions with a minimum GPA of 3.0 or higher who has completed at least 2 semesters of an engineering or related program. Selected applicants must provide proof of U.S. Citizenship through the grant verification form.

Award Opportunities – This opportunity provides participants with a classroom instruction and hands-on opportunity to learn more about why helicopters and UAVs behave as they do during flight operations. Workshop participants will construct and flight test (wind tunnel and outdoor) radio controlled coaxial helicopters, and compete in an obstacle course using the coaxial helicopters and VTOL aircraft that they build. Two human power helicopter test fixtures will also be used for experimentation, to maximize lift over drag. Participants will also have an opportunity to network with aerospace leaders, and professionals, tour manufacturing and engineering facilities, and may have the opportunity to experience a 1-hour helicopter ride during this unique training experience. Local transportation, lodging and food are included in the workshop.

**Proposal Format and Checklist -** Submit application following CT Space Grant email submission guidelines. Required components of the Helicopter Workshop Application can be found in the Application Checklist.

**Reporting** – A report is required upon completion of the workshop. A reporting format is available on the Consortium website (www.ctspacegrant.org/forms).

## **Student Projects**

**Award** – The Student Project initiative began in 1997 in order to encourage student projects in Space and Aerospace Science and Engineering topics. The purpose of these grants is to allow students to purchase items needed for student projects including materials, electronic components, chemicals, etc. The Consortium recognizes that these small grants will allow students to choose projects that are beyond the normal funds allocated by departments, colleges and universities. Refer to the Consortium website (<a href="www.ctspacegrant.org/fellowships-and-grants/student-opportunities">www.ctspacegrant.org/fellowships-and-grants/student-opportunities</a>) for the number of awards available this program year.

**Eligible Projects** – Any group or individual project that is consistent with the mission of NASA as exemplified by its four strategic enterprises: Earth Science, Space Science, Human Exploration and Development of Space, and Office of Aero-Space Technology is eligible.

**Eligible Applicants** – Individual students and informal/formal groups of students are eligible to apply. The project leader must be a U.S. Citizen and all project team members must be full-time students at a Consortium Member Institution for the duration of the project. Individual Applicants/Project Leader (for group projects) must have minimum 3.0 GPA. There must be a faculty member who agrees to serve as project advisor. Applicant P.I. must provide proof of U.S. Citizenship through the grant verification form.

**Budget** – Each project may be funded up to a maximum of \$1,000. Funds may be used for supplies and materials only. Funds may not be used for travel\*, equipment/computers, entertainment, entry fees, tuition, salaries, fringe benefits, or indirect costs.

\*Students may also apply for travel grants to visit NASA Centers, participate in professional meetings, etc.

**Proposal Format and Checklist -** Submit application following CT Space Grant email submission guidelines. Required components of the Student Project Application can be found in the Application Checklist.

**Reporting** – A project report is required upon completion of the project. A reporting format is available on the Consortium website (<a href="www.ctspacegrant.org/forms">www.ctspacegrant.org/forms</a>).

**Poster Session -** Students will be required to furnish a research poster for an annual forum.

## **Capstone/Senior Design Projects**

**Award** – The purpose of these grants is to allow senior students to purchase items needed for senior capstone design projects including materials, electronic components, chemicals, etc. The Consortium recognizes that these small grants will allow students to choose projects that are beyond the normal funds allocated by departments, colleges and universities. Refer to the Consortium website (<a href="www.ctspacegrant.org/fellowships-and-grants/student-opportunities">www.ctspacegrant.org/fellowships-and-grants/student-opportunities</a>) for the number of awards available this program year.

**Eligible Projects** – Any group or individual senior design project that is consistent with the mission of NASA as exemplified by its four strategic enterprises: Earth Science, Space Science, Human Exploration and Development of Space, and Office of Aero-Space Technology, is eligible.

**Eligible Applicants** – Individual students and informal/formal groups of students may apply. The project leader must be a U.S. Citizen and all project team members must be full-time students at a Consortium Member Institution at the beginning of the project. Individual Applicants/Project Leader (for group projects) must have minimum 3.0 GPA. There must be a faculty member who agrees to serve as the senior design project advisor. Applicant P.I. must provide proof of U.S. Citizenship through the grant verification form.

**Budget** – Each project may be funded up to a maximum of \$3,000. Funds may be used for supplies and materials only. Funds may not be used for travel\*, equipment/computers, entertainment, entry fees, tuition, salaries, fringe benefits, or indirect costs.

\*Students may also apply for Travel Grants to visit NASA Centers, participate in professional meetings, etc.

**Proposal Format and Checklist -** Submit application following CT Space Grant email submission guidelines. Required components of the Senior/Capstone Project Application can be found in the Application Checklist.

**Reporting** - A senior design project report is required upon completion of the research project. A reporting format is available on the Consortium website (<a href="www.ctspacegrant.org/forms">www.ctspacegrant.org/forms</a>).

**Poster Session -** Students are required to furnish a research poster for an annual forum.

#### **Travel Grants**

**Award** – To encourage travel to NASA facilities to use their unique resources and/or present Space Grant and NASA funded research at Conferences, the Connecticut Space Grant College Consortium awards travel grants. Refer to the Consortium website (<a href="www.ctspacegrant.org/fellowships-and-grants/student-opportunities">www.ctspacegrant.org/fellowships-and-grants/student-opportunities</a> ) for the number of awards available this program year.

Eligible Travel – Travel supported by travel grants may include, but is not limited to, trips to NASA facilities to use specialized research equipment, trips to NASA Centers to discuss collaborations with NASA scientists and engineers, attendance at pre-proposal conferences sponsored by NASA, presentation of Space Grant funded research at conferences, participation in NASA or Space Grant programs/workshops/competitions, or invited papers at conferences, visits by NASA scientists/engineers to campuses for research collaboration. The CT Space Grant Consortium only supports domestic travel.

**Eligible Applicants** – Full time students at Consortium Member Institutions are eligible. All applicants must be US Citizens. Applicants must provide proof of U.S. Citizenship through the grant verification form. Student applicants should have a minimum 3.0 GPA.

**Budget** – Travel may be funded up to a maximum of \$1,000. Funds will be paid to the student or groups' institution upon submission of a completed budget form at the conclusion of the trip. **No travel advances are allowed.** Please consult with your Campus Director to obtain the appropriate travel forms for your institution.

**Proposal Format and Checklist -** Submit application following CT Space Grant email submission guidelines. Required components of the Travel Grant Application can be found in the Application Checklist.

**Reporting** - A short report is required upon return from the trip. A reporting format is available on the Consortium website (<a href="www.ctspacegrant.org/forms">www.ctspacegrant.org/forms</a>).

**Poster Session -** Students are required to furnish a research poster for an annual forum.

### **NASA Academy Fellowships**

The NASA Academy is a unique summer or academic year experience at the university level for developing future leaders of the U.S. Space Program. The program is an intensive, resident, tenweek summer or 15 week academic semester experience with laboratory research work, a group project, lectures, meetings with experts and administrators, visits to NASA Centers and space-related industries, technical writing, and presentations. Students discover how NASA and its Centers operate, gain experience in world-class laboratories, participate in a team environment and build professional bonds. On graduation, Academy participants are inducted into the NASA Academy Alumni Association (NAAA) whose goal is to promote NASA, the NASA Academy, research, and space education. The 52 state-based members of the National Space Grant College and Fellowship Program have co-sponsored the NASA Academy since its founding in 1993. Students with disabilities are provided reasonable accommodation services. Women, minorities, and individuals with disabilities are encouraged to apply.

**Applying** – Apply directly to the NASA Academy and copy CSGC, <a href="mailto:ctspgrant@hartford.edu">ctspgrant@hartford.edu</a> . CSGC must be notified or funding will not be available. CSGC will need to plan to support your participation.

To apply, please use this link: <a href="https://intern.nasa.gov/ossi/web/public/main/">https://intern.nasa.gov/ossi/web/public/main/</a>

Eligibility – Rising junior, senior undergraduate or at the early graduate level in accredited U.S. college or university as of May of the program year; 3.0 average (minimum); major in engineering, science (physics, chemistry, biology, earth sciences, etc.), math, computer science or other areas of interest to the aerospace program; US citizenship required for CSGC support. CT Space Grant will only support students from affiliate schools. Applicants must provide proof of U.S. Citizenship through the grant verification form.

**Poster -** Students are required to furnish a research poster for an annual forum.

**Award Opportunities** – *Duration*: Varying - fall or spring semester, or summer opportunities. *Locations and Application Deadlines (Posted on each NASA's website)*:

OSSI SOLAR: https://intern.nasa.gov/ossi/web/public/main/

# **Application Checklists**

**Checklist: Graduate Research Fellowship Application Checklist** 

Submit the application via email (<u>csgcinfo@hartford.edu</u>). The email must include two attachments,

- the 'Contact and Demographic Info' form, and
- a single PDF containing the appropriate cover sheet, abstract, proposal narrative, budget, letters of support, resume/CV, grant verification form, transcript, and may not exceed 25 MB in size. Note that Narrative sections page limits will be strictly enforced. Proposals that exceed the page limit will be reviewed only up to the page limit (remaining pages of the narrative will not be reviewed). Also, if letter writers wish to submit confidential letters of recommendation, they may email those separately to <a href="mailto:csgcinfo@hartford.edu">csgcinfo@hartford.edu</a>.
- □ Applicant Contact/Demographic Information Typed into the 'Contact/Demographic Information' form, and saved as a .doc, .docx, or .pdf file. This file should be added as an attachment to the application email, with a document title using the following format: LASTNAME\_ContactInfo.doc. This form is available on the CT Space Grant website. (Note: this information is used separately for blind reporting to NASA.) (For team proposals, please attach a separate sheet for each team member as addendums to the proposal narrative pdf file.)

# PLEASE ATTACH THE FOLLOWING APPLICATION COMPONENTS AS A SINGLE PDF FILE:

<b>Application Cover Sheet</b> (blank forms can be found under the Forms section of the website).
<b>Abstract</b> – One double-spaced page maximum. The abstract must include a paragraph on the relevance to aerospace research and/or one of NASA's strategic enterprises.
<b>Narrative</b> – Five double-spaced page maximum. Please include the following eight sections:

- 1. Purpose and Objectives
- 2. Relationship to NASA's strategic goals
- 3. Methodology
- 4. Feasibility and timeline (plan) of the project
- 5. Budget Narrative
- 6. Expected Outcomes
- 7. Career potential
- 8. Contact with NASA

<sup>\*</sup> Students should consult the scoring rubric for more information on how proposals will be evaluated according to these criteria.

Ц	must be signed by the student's faculty advisor, and by a representative of the student's Institutional Grants Office.
	<b>Two Letters of Recommendation</b> (internal or external) — One letter must be from the research project supervisor. All recommendation letters need to be signed and on institutional letterhead. <i>Faculty who wish to submit confidential letters of recommendation may email those to <u>csgcinfo@hartford.edu</u>.</i>
	<b>Resume/Curriculum Vitae</b> - One page maximum. For team proposals please submit a resume/C.V. for each team member.
	Grant Verification Form: Completed and signed by the Campus Director
	<b>Student Transcript</b> - Official is preferred; however, unofficial is acceptable if availability at the time of submission is a problem.

- All forms are available on the CT Space Grant Consortium website (www.ctspacegrant.org).
- All proposals and attachments must be submitted together in a single email.
- The email size may not exceed 25 MB.

# **Checklist: Undergraduate Research Fellowship Application Checklist**

Submit the application via email (<u>csgcinfo@hartford.edu</u>). The email must include two attachments,

- the Contact/Demographic Info form and
- a single PDF containing the appropriate cover sheet, abstract, proposal narrative, letters of support, resume/CV, grant verification, transcript, and may not exceed 25 MB in size. Note that Narrative sections page limits will be strictly enforced. Proposals that exceed the page limit will be reviewed only up to the page limit (remaining pages of the narrative will not be reviewed). Also, if letter writers wish to submit confidential letters of recommendation, they may email those separately to <a href="mailto:csgcinfo@hartford.edu">csgcinfo@hartford.edu</a>.
- □ Applicant Contact/Demographic Information Typed into the 'Contact/Demographic Information' form, and saved as a .doc, .docx, or .pdf file. This file should be added as an attachment to the application email, with a document title using the following format: LASTNAME\_ContactInfo.doc. This form is available on the CT Space Grant website. (Note: this information is used separately for blind reporting to NASA.) (For team proposals, please attach a separate sheet for each team member as addendums to the proposal narrative pdf file.)

#### PLEASE ATTACH THE FOLLOWING APPLICATION COMPONENTS AS A SINGLE PDF FILE:

<b>Application Cover Sheet</b> (blank forms can be found under the Forms section of the website).
<b>Abstract</b> – One double-spaced page maximum. The abstract must include a paragraph on

□ **Narrative** – Five double-spaced page maximum. Please include the following eight sections:

the relevance to aerospace research and/or one of NASA's strategic enterprises.

- 1. Purpose and Objectives
- 2. Relationship to NASA's strategic goals
- 3. Methodology
- 4. Feasibility and timeline (plan) of the project
- 5. Budget Narrative
- 6. Expected Outcomes
- 7. Career potential
- 8. Contact with NASA

	Budget	Worksheet	(budget f	form from	the	CTSGC	website)
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□ **Two Letters of Recommendation** (internal or external) – One letter must be from the research project supervisor. The second from a responsible researcher who is familiar with the quality of the student's work. All recommendation letters need to be signed and to be on institutional letterhead. *Faculty who wish to submit confidential letters of recommendation may email those to csgcinfo@hartford.edu*.

<b>Resume/Curriculum Vitae</b> - One page maximum. For team proposals please submit a resume/C.V. for each team member.
Grant Verification Form: Completed and signed by the Campus Director
<b>Student Transcript</b> - Official is preferred; however, unofficial is acceptable if availability at the time of submission is a problem.

- All forms are available on the CT Space Grant Consortium website (www.ctspacegrant.org).
- All proposals and attachments must be submitted together in a single email.
- The email size may not exceed 25 MB.

## Checklist: Undergraduate Directed Campus Scholarship Application Checklist

Submit the application via email (<u>csgcinfo@hartford.edu</u>). The email must include two attachments,

- the Contact/Demographic Info form and
- a single PDF containing the appropriate cover sheet, narrative, letter of recommendation, resume/CV, Grant Verification Form, and transcript, and may not exceed 25 MB in size. Note that Narrative sections page limits will be strictly enforced. Proposals that exceed the page limit will be reviewed only up to the page limit (remaining pages of the narrative will not be reviewed).

Applicant Contact/Demographic Information - Typed into the 'Contact/Demographic
Information' form, and saved as a .doc, .docx, or .pdf file. This file should be added as an
attachment to the application email, with a document title using the following format:
LASTNAME_ContactInfo.doc. This form is available on the CT Space Grant website.
(Note: this information is used separately for blind reporting to NASA.)

## PLEASE ATTACH THE FOLLOWING APPLICATION COMPONENTS AS A SINGLE PDF FILE:

<b>Application Cover Sheet</b> (blank forms can be found under the Forms on the website).
<b>Narrative</b> – Three double-spaced page maximum. Please address the following when writing your narrative:

- 1. Describe your academic and career goals.
- 2. Describe information on any research experiences or other relevant experiences you have had and how you believe they have influenced your career in STEM.
- 3. Describe your community service, extra-curricular activities, work experience awards and/or honors.
- 4. Briefly explain the benefits that you expect to derive from a CT Space Grant Scholarship.

<b>One Letter of Recommendation</b> – Faculty who wish to submit confidential letters of recommendation may email those to <u>csgcinfo@hartford.edu</u> .
Resume/Curriculum Vitae - One page maximum.
Student Transcript - Official is preferred; however, unofficial is acceptable.
<b>Grant Verification Form:</b> Completed and signed by the Campus Director.

- All forms are available on the CT Space Grant Consortium website (www.ctspacegrant.org).
- All proposals and attachments must be submitted together in a single email.
- The email size may not exceed 25 MB.

# **Checklist: Community College Scholarship Application Checklist**

Submit the application via email (<u>csgcinfo@hartford.edu</u>). The email must include two attachments,

- the Contact/Demographic Info form and
- a single PDF containing the appropriate cover sheet, narrative, letter of recommendation, resume/CV, Grant Verification Form, and transcript, and may not exceed 25 MB in size.

<b>Applicant Contact/Demographic Information</b> - Typed into the 'Contact/Demographic
Information' form, and saved as a .doc, .docx, or .pdf file. This file should be added as an
attachment to the application email, with a document title using the following format:
LASTNAME_ContactInfo.doc. This form is available on the CT Space Grant website.
(Note: this information is used separately for blind reporting to NASA.)

### PLEASE ATTACH THE FOLLOWING APPLICATION COMPONENTS AS A SINGLE PDF FILE:

<b>Application Cover Sheet</b> (blank forms can be found under the Forms on the website)
Narrative – Please answer 4 of the 6 questions below. (Each response should be
approximately 150 words.)

- 1. Briefly describe your academic and career goals.
- 2. What specifically interests you about science and technical courses? Describe what you enjoy about these courses.
- 3. How did you originally become interested in a science or technical career? Was there a specific experience or a specific person who influenced you? Explain.
- 4. Why should you be selected for this scholarship?
- 5. Explain the benefits that you expect to derive from a CT Space Grant Scholarship.
- 6. Describe your community service, extra-curricular activities, work experience, and/or awards and honors.

<b>One Letter of Recommendation</b> – Faculty who wish to submit confidential letters of recommendation may email those to <u>csgcinfo@hartford.edu</u> .
Resume/Curriculum Vitae - One page maximum.
Student Transcript - Official is preferred; however, unofficial is acceptable.
<b>Grant Verification Form:</b> Completed and signed by the Campus Director.

- All forms are available on the CT Space Grant Consortium website (www.ctspacegrant.org).
- All proposals and attachments must be submitted together in a single email.
- The email size may not exceed 25 MB.

# Checklist: Summer/Academic Year Industrial Internship & Helicopter Workshop Application Checklist

Submit the application via email (csgcinfo@hartford.edu). The email must include two attachments, the Contact/Demographic Info form and a single PDF containing the appropriate cover sheet, abstract, letters of support, resume/CV, transcript, grant verification form and may not exceed 25 MB in size.

□ Applicant Contact/Demographic Information - Typed into the 'Contact/Demographic Information' form, and saved as a .doc, .docx, or .pdf file. This file should be added as an attachment to the application email, with a document title using the following format: LASTNAME\_ContactInfo.doc. This form is available on the CT Space Grant website. (Note: this information is used separately for blind reporting to NASA.) (For team proposals, please attach a separate sheet for each team member as addendums to the proposal narrative pdf file.)

# PLEASE ATTACH THE FOLLOWING APPLICATION COMPONENTS AS A SINGLE PDF FILE:

<b>Application Cover Sheet</b> (blank forms can be found under the Forms section of the website).
<b>Abstract</b> – One double-spaced page maximum. The abstract must address how this opportunity will enhance/contribute to your long-term academic and career goals including qualifications and how this helps NASA.
Resume/Curriculum Vitae - One page maximum.
One Letter of Recommendation (internal or external) – Must be from an academic or research advisor. If you wish you may submit additional letters from industry contacts, past supervisors or past project advisors. All recommendation letters need to be signed and to be on institutional letterhead. Faculty who wish to submit confidential letters of recommendation may email those to <a href="mailto:csgcinfo@hartford.edu">csgcinfo@hartford.edu</a> .
Grant Verification Form: Completed and signed by the Campus Director
Student Transcript - Official is preferred; however, unofficial is acceptable if availability at

#### **Reminder:**

- All forms are available on the CT Space Grant Consortium website (www.ctspacegrant.org).
- All proposals and attachments must be submitted together in a single email.
- The email size may not exceed 25 MB.

the time of submission is a problem.

# Checklist: Student Project & Senior/Capstone Project Application Checklist

Submit the application via email (<u>csgcinfo@hartford.edu</u>). The email must include two attachments,

- the Contact/Demographic Info form and
- a single PDF containing the appropriate cover sheet, abstract, proposal narrative, budget, letters of support, resume/CV, transcript, grant verification form and may not exceed 25 MB in size. Note that Narrative sections page limits will be strictly enforced. Proposals that exceed the page limit will be reviewed only up to the page limit (remaining pages of the narrative will not be reviewed). Also, if letter writers wish to submit confidential letters of recommendation, they may email those separately to <a href="mailto:csgcinfo@hartford.edu">csgcinfo@hartford.edu</a>.
- □ Applicant Contact/Demographic Information Typed into the 'Contact/Demographic Information' form, and saved as a .doc, .docx, or .pdf file. This file should be added as an attachment to the application email, with a document title using the following format: LASTNAME\_ContactInfo.doc. This form is available on the CT Space Grant website. (Note: this information is used separately for blind reporting to NASA.) (For team proposals, please attach a separate sheet for each team member as addendums to the proposal narrative pdf file.)

# PLEASE ATTACH THE FOLLOWING APPLICATION COMPONENTS AS A SINGLE PDF FILE:

website).
<b>Purpose and Objectives (Abstract)</b> – One double-spaced page maximum. The abstract must include a paragraph on the relevance to aerospace research and/or one of NASA's strategic enterprises.
Narrative – Five double-spaced page maximum. Please include the following eight

☐ Application Cover Sheet (blank forms can be found under the Forms section of the

- 1. Purpose and Objectives
- 2. Relationship to NASA's strategic goals
- 3. Methodology

sections:

- 4. Feasibility and timeline (plan) of the project
- 5. Budget Narrative
- 6. Expected Outcomes
- 7. Career potential
- 8. Contact with NASA
- □ **Budget** Applicants must use the budget form available on the CTSG website. This form must be signed by the student's faculty advisor, and by a representative of the student's Institutional Grants Office.

Ц	One Letter of Recommendation – Must be from the project's faculty advisor. Applicants may submit additional letters of support. All recommendation letters need to be signed and on institutional letterhead. Faculty who wish to submit confidential letters of recommendation may email those to <u>csgcinfo@hartford.edu</u> .
	<b>Resume/Curriculum Vitae</b> - One page maximum. (For a team or group, please include a resume for each member.)
	Grant Verification Form: For project leader; completed and signed by the Campus Director
	<b>Student Transcript</b> - Official is preferred; however, unofficial is acceptable if availability at the time of submission is a problem.

- All forms are available on the CT Space Grant Consortium website (www.ctspacegrant.org).
- All proposals and attachments must be submitted together in a single email.
- The email size may not exceed 25 MB.

#### **Checklist: Travel Grant**

Submit the application via email (<u>csgcinfo@hartford.edu</u>). The email must include two attachments,

- the Contact/Demographic Info form and
- a single PDF containing the appropriate cover sheet, abstract, trip information, letters of support, resume/CV, transcript, grant verification form and may not exceed 25 MB in size. Note that page limits will be strictly enforced. Proposals that exceed the page limit will be reviewed only up to the page limit (remaining pages of the narrative will not be reviewed). Also, if letter writers wish to submit confidential letters of recommendation, they may email those separately to <a href="mailto:csgcinfo@hartford.edu">csgcinfo@hartford.edu</a>.
- □ Applicant Contact/Demographic Information Typed into the 'Contact/Demographic Information' form, and saved as a .doc, .docx, or .pdf file. This file should be added as an attachment to the application email, with a document title using the following format: LASTNAME\_ContactInfo.doc. This form is available on the CT Space Grant website. (Note: this information is used separately for blind reporting to NASA.) (For team proposals, please attach a separate sheet for each team member as addendums to the proposal narrative pdf file.)

# PLEASE ATTACH THE FOLLOWING APPLICATION COMPONENTS AS A SINGLE PDF FILE:

<b>Application Cover Sheet</b> (blank forms can be found under the Forms section of the website).
<b>Abstract</b> – One double-spaced page maximum. Please provide a description and rationale for the travel and how you will fund the travel if you do not receive full Space Grant funding for the total coast of the trip. (Ex. If the total trip will cost \$1,500, describe how you will fund the remaining \$500 after the Space Grant award of \$1,000.) Please remember that Space Grant can only support domestic travel.
Narrative – Two double-spaced page maximum. Please include the following eight

1. Abstract

sections:

- 2. Purpose of Travel and Invitation: provide a copy of any supporting materials related to the travel, i.e., letter or conference paper acceptance notice (copy of email or WEB page of program is acceptable)
- 3. Relevance to NASA's strategic goals
- 4. Goals and Objectives
- 5. Timetable
- 6. Budget Narrative
- 7. Recent Award
- 8. Expected outcome

<b>Budget Justification</b> – please provide a prospective budget of estimated costs for the trip. Please use the required budget worksheet, which is available on the CTSG website.
<b>One Letter of Recommendation</b> – Must be from a faculty member familiar with the travel purpose. Applicants may submit additional letters of support. All recommendation letters need to be signed and on institutional letterhead. <i>Faculty/industry contacts who wish to submit confidential letters of recommendation may email those to <u>csgcinfo@hartford.edu</u>.</i>
<b>Resume/Curriculum Vitae</b> - One page maximum. (For a team or group, please include a resume for each member.)
Grant Verification Form: Completed and signed by the Campus Director
<b>Student Transcript</b> - Official is preferred; however, unofficial is acceptable if availability at the time of submission is a problem.

- All forms are available on the CT Space Grant Consortium website (www.ctspacegrant.org).
- All proposals and attachments must be submitted together in a single email.
- The email size may not exceed 25 MB.