NASA SPACE TECHNOLOGY GRADUATE RESEARCH OPPORTUNITIES
FALL 2027 (NSTGRO27) - NNH26ZTR001N-26NSTGRO-B4
Appendix to the SpaceTech-REDDI-2026 NRA

NSTGRO27 Summary of Application Procedures

Important Dates

	Deadline	Comments
Mandatory Preliminary Proposal Due	**Dec 9, 2026** (by 4 PM local)	Submitted by OCG through Nspires (Step 1 – no PSR required)
Full Proposal Due (by invitation only)	(target) March 18, 2027 (by 4 PM local)	Submitted by OCG through Nspires (Step 2 – PSR required)
3 Letters of Recommendation Due	(target) March 22, 2027 (by 4 PM local)	Submitted directly by Letter Writers via Google Forms.
Fellowship Start	(planning) Aug 15, 2027	Award may not be deferred.

*** NSTGRO27 announcement & other documents on Nspires website**

Eligibility: U.S. citizen, U.S. national, or permanent resident alien of the U.S.; bachelor's degree; enrolled in a full-time master's or doctoral degree program at start of Fall 2027 term. Must meet one of the eligibility profiles in Section B.1. and on Table 1 of NSTGRO27 announcement (Master's Support or Doctoral Support 1, 2, or 3).

Mandatory Preliminary Proposal (MPP) – "Step 1" - Anonymized

The Office of Contracts and Grants (OCG) does not require a Proposal Submission Request (PSR) at this stage.

Faculty Advisor (PI) and Student Actions:

1. **Faculty Advisor** must have completed CU's **Research Security Training** course in SkillSoft Percipio within 12 months of the NSTGRO preliminary proposal submission. Link to course: *https://www.colorado.edu/researchinnovation/node/8496/research-security/research-security-training*
2. **Faculty Advisor and Student** each must be registered with Nspires and have an activated account. (Step-by-step instructions: NSTGRO27 Proposal Submission Instructions.)
3. **Faculty Advisor's** Nspires account must be affiliated with the **University of Colorado, Boulder, UEI# SPVKK1RC2MZ3, CAGE Code 4B475**. Student affiliation is preferred, but optional.
4. **Faculty Advisor** initiates the NSTGRO27 proposal in Nspires (*student may not initiate*).
   - Clicks on "Add Team Member" and assigns the student as Graduate/Undergraduate Student.
   - Grants student edit privileges for Project Summary, Business Data, and Program Specific Data.
   - Completes **Business Data** page, including adding the student's contact information in the Proposal *Point of Contact* subsection. (This will enable Nspires to send notifications to the student.)
   - Completes **Team Member** -- U.S. Gov't agency and international participation questions.
5. **Student** confirms participation per Nspires emailed instructions.
   - Completes **Project Summary** in Nspires. Must be dual-anonymous peer review (DAPR) compliant.
   - Responds to 40 **Program Specific Data** questions. (Note: All required questions must be completed for Nspires to save. Responses may be changed later using Edit.) Question #11 (similar research proposed in last 2 years) requires advisor input. Questions 3, 8, 10, 39, and 40 must be DAPR compliant.
6. **Faculty Advisor** clicks on "**Release to Org**" and notifies Proposal Analyst/AOR.
7. **Proposal Analyst/AOR** reviews for compliance and submits proposal prior to deadline.

Full Proposal (FP) - invitation only – "Step 2" – Not Anonymized

The Office of Contracts and Grants (OCG) does require a Proposal Submission Request (PSR) from the PI.

Constraints: (1) Title must be the same as for MPP, unless permission is granted by NSTGRO to adjust. (2) Full Proposal must be submitted for the same technology as the MPP and involve the same technological approach described in the MPP. (3) The proposing student must be the primary architect and author of the submitted proposal, with minimal assistance from other researchers such as current/prospective faculty advisors, mentors, or collaborators. (4) Student arranges for 3 Letters of Recommendation to be submitted separately from the Nspires steps below. Instructions are provided on pages 26-27.

Faculty Advisor (PI) and Student Actions:

Faculty Advisor creates a step 2 proposal in Nspires: select "prior-phase proposal". This will automatically transfer the proposal information from the MPP to the Full Proposal. **Faculty Advisor** must ensure **Research Security Training** is current. Nspires cover pages include basic proposal data, a proposal summary/abstract, and **Student's** non-anonymized responses to the NSTGRO27 Program Specific Data Questions.

Full Proposal Components uploaded to Nspires

Component	Page Limit	Notes
Student's Main Proposal Document (single searchable pdf, labeled, in the order specified; 8.5" x 11", 12-point font, at least 1" margins on all sides)		
1 - Personal Statement	2 pages	Student's Research Potential, Space Technology Commitment, Project Origin, Goal Achievement, Grades (explain B- or lower)
2 - Project Narrative Graphics/figures/tables count towards page limit; figure captions (8- or 10-point font OK) must include citation, unless student's unpublished work. Student must be the primary author/architect.	5 pages	Sufficient detail to assess the student's understanding of the questions to be addressed. Major milestones, innovation, justify starting & targeted end TRL, benchmarks for success, comparisons to the state of the art, distinguish how proposed effort is separate from currently funded work. Discuss (up to ½ page) how the annual Visiting Technologist Experience is important to academic, research, and career objectives. If applicable, may include a statement that NASA facilities may *enhance* research if available.
3 – References Citations on the use of generative tools and/or professional writers should not be included in this section.*	As needed	Only references cited in the Project Narrative. *For both the use of generative tools and professional writers, citations and other details must be provided in the Nspires Program Specific Data Questions.
4 – NSTGRO Schedule	1 page	Proposed start and completion dates, anticipated academic degree program (coursework), research milestones, visiting technologist experience dates for each year of NSTGRO support.
5 – Data Management Plan (DMP)	1 page	Summary of the anticipated research data to be collected, where the data will be stored, a publication plan including how manuscripts will be submitted to PubSpace, and a summary of any additional methods planned to provide outputs to the public (including, but not limited to, data and software developed).
6 – Student Curriculum Vitae (CV) **3rd page allowed for publications & presentations; use format above.	2 pages**	Academic degrees received or expected in the near future (dates, disciplines, institutions). Experiences relevant to this proposal (dates, short description of responsibilities), listing the most recent positions first and the name and city/state of each organization. Honors and awards. Technical/scientific publications and presentations, if any.
7 – Transcripts	N/A	Fully redact social security #, date of birth, GRE scores

Component	Page Limit	Notes
Separate Files Uploaded to Nspires (each file single, searchable, unlocked pdf)		
8 – PI's (faculty advisor's) Biographical Sketch	As needed	SciENcv – NASA specific format
9 – PI's (faculty advisor's) Current & Pending (Other) Support document	As needed	SciENcv – NASA specific format
10 – Budget with justification	As needed	Completed using the NASA template provided and consistent with the formatting provided in the template.
11 – Facilities & Equipment and Other Resources 8.5" x 11", 12-point font, 1" margins.	As needed	Describe any special F&E that are required for the applicant to complete the proposed project. Note: It is not permitted for NASA facilities to be *required* for the proposed research.
Submitted by Letter Writers directly via Google Forms		
12 – Letters of Recommendation	2 pages ea.	Three letters

Nspires release to org: PI releases to AOR when student has completed the proposal. AOR reviews for completeness, coordinates changes with student as necessary (carefully checks transcripts for removed date of birth, SSN, GRE scores), and submits.

Budget information

- Grant covers stipend, student travel to technical and scientific meetings, laboratory supplies, lab books, page charges for journal articles, printing of a thesis, faculty advisor travel in direct support of the NSTGRO fellow, Visiting Technologist Experience, health insurance, and tuition and fees.

Category	Maximum value (annual)
Student Stipend	$40,000
Student Support Allowance	$11,000
Visiting Technologist Experience (VTE) Allowance	$10,000
Health Insurance Allowance	$2,500
Tuition and Fees Allowance	$20,500
TOTAL	**$84,000**

- The VTE allowance is to allay costs associated with preparation for the experience (e.g., trips prior to and in preparation for the actual visiting technologist experience) and the student's relocation and living expenses associated with approximately 10 weeks per year.
- No indirect costs (IDC) permitted by sponsor. IDC Addendum not required for NASA fellowships.
- Equipment, including computers, may NOT be purchased with NSTGRO funds.
- The transfer of funds between budget categories is not permitted, except in limited instances. For example, a portion of the Student Support Allowance may be used to supplement health insurance or tuition and fees, provided that the requirements of the Student Support Allowance have been met.