# How to Get New Research Onto ISS

## PROCESS

### Summary

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PHASE 1: SPONSORSHIP
Funding Sources

(a) NASA Research
Grant opportunities and information in NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES) at http://nspires.nasaprs.com/external/

(b) National Laboratory Research / 
The Center for the Advancement of Space in Science (CASIS)
The 2005 NASA Authorization Act designated the U.S segment of the space station as a national laboratory, enabling access by other Federal agencies, non-profits, and the private sector. Opportunities and information in CASIS’ website at www.iss-casis.org/ and www.spacestationresearch.com/research-on-station/opportunities/

(c) Educational Activities

(d) International Partner Research
International investigators should seek sponsorship through their appropriate space agency.

For more information on research sponsorship and funding, see: http://www.nasa.gov/mission_pages/station/research/ops/funding/
# PHASE 1: SPONSORSHIP

## Points of Contact

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<th>ISS Integration Contact</th>
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<tr>
<td><strong>NASA Space Life and Physical Sciences Research and Applications Division</strong>&lt;br&gt;- Physical Science Research Program (NASA-funded)&lt;br&gt;- Space Biology (NASA-funded)</td>
<td><strong>NASA Human Exploration Operations Mission Directorate</strong>&lt;br&gt;<em>Marshall Porterfield, Division Director, Life and Physical Sciences</em>&lt;br&gt;- Terry O'Malley, Program Manager, Physical Science&lt;br&gt;- Francis Chiaramonte, Program Executive, Physical Science&lt;br&gt;- Nicki Rayl, Program Manager, Space Biology&lt;br&gt;- David Tomko, Program Executive, Space Biology&lt;br&gt;- Mark Lee, Program Executive, Fundamental Sciences</td>
<td>George Nelson, NASA/JSC</td>
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<tr>
<td><strong>NASA Astrophysics, Earth Science, Heliophysics, Planetary Science Divisions</strong> (NASA-funded)</td>
<td><strong>NASA Science Mission Directorate</strong>&lt;br&gt;- <em>Paul Hertz, Division Director, Astrophysics</em>&lt;br&gt;- Michael Freilich, Division Director, Earth Sciences&lt;br&gt;- Jim Green, Division Director, Planetary Science&lt;br&gt;- Jeffrey Newmark, Division Director, Heliophysics</td>
<td>George Nelson, NASA/JSC</td>
</tr>
<tr>
<td><strong>NASA Technology Development and Demonstration</strong> (NASA-funded)</td>
<td><strong>NASA Space Technology Mission Directorate</strong>&lt;br&gt;- Trudy Kortes, Program Executive, Technology Demonstration Missions (STMD)&lt;br&gt;- Ryan Stephan, Program Executive, Game Changing Development (STMD)&lt;br&gt;- Andy Petro, Program Executive, Small Spacecraft and Solar Electric Propulsion (STMD)&lt;br&gt;<strong>NASA Human Exploration Operations Mission Directorate</strong>&lt;br&gt;- Jason Crusan, Division Director, Advanced Exploration Systems</td>
<td>George Nelson, NASA/JSC</td>
</tr>
<tr>
<td><strong>ISS National Laboratory</strong> (Other government agency funded, non-profit / commercially funded)</td>
<td><strong>The Center for the Advancement of Space in Science (CASIS)</strong>&lt;br&gt;- Ken Shields, Director of Operations, CASIS</td>
<td>Michael Read, NASA/JSC</td>
</tr>
<tr>
<td><strong>NASA Education</strong></td>
<td><strong>NASA Office of Education</strong>&lt;br&gt;- ISS Education: <em>Education Project Manager (TBD)</em></td>
<td>George Nelson, NASA/JSC</td>
</tr>
<tr>
<td><strong>ISS National Laboratory Education</strong></td>
<td><strong>The Center for the Advancement of Space in Science (CASIS)</strong>&lt;br&gt;- ISS Education: <em>Ken Shields, Director of Operations, CASIS</em></td>
<td>Michael Read, NASA/JSC</td>
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PHASE 2: STRATEGIC PLANNING

Payload Developer Inputs
WHO: Points of Contact
WHAT: Requirements Definition
WHEN: Operations Plan
WHERE: Launch and On-Orbit Requirements
WHY: Investigation Objectives
PHASE 3: TACTICAL PLANNING

Payload Developer Inputs

- Changes to Baselined Research Plan
- Training Products and Procedures
- Safety Review Packages
- Hardware Verification Data
- Software Verification Data
PHASE 4: OPERATIONS

- Investigator Participation Real-Time (e.g., Console Operations)
- Crew Conferences
- Anomaly Resolution
- Data Collection and Sample Return

Payload Developer Inputs
**Payload Developer Inputs**

- Research Summary Updates
- 30-Day Reports
- Formal Publications
ACRONYMS

AES = Advanced Exploration Systems
ASI = Agenzia Spaziale Italiana
CASIS = The Center for the Advancement of Science in Space
CSA = Canadian Space Agency
DoD = Department of Defense
ESA = European Space Agency
HEOMD = Human Exploration Operations and Mission Directorate
ISS = International Space Station
JAXA = Japan Aerospace Exploration Agency
JSC = Johnson Space Center
NIH = National Institutes of Health
NSF = National Science Foundation
NSPIRES = NASA Solicitation and Proposal Integrated Review and Evaluation System
OCT = Office of the Chief Technologist
SMD = Science Mission Directorate
STMD = Space Technology Mission Directorate
tbd = To be determined
Tech. Dev. = Technology Development
USDA = United States Department of Agriculture