NASA Research and Education Support Services (NRESS)

Services: End-to-End Solicitation Management and External Peer Review; Information System Development, Maintenance, and Administration

Timeline: August 2000 to Present

Locations: Arlington, Virginia, and Washington, DC

NASA's research and education grants programs fund the best science, engineering, and technology research needed to advance NASA missions. Over the last 18 years, GST, together with various joint venture partners and subcontractors, has provided end-to-end solicitation, peer review, and information system support services to several NASA centers, including Headquarters, Kennedy, Johnson, Goddard, Glenn, Marshall, Ames, and JPL. All NASA funding directorates are supported, including the Science Mission Directorate, Human Exploration and Operations Mission Directorate, Aeronautics Research Mission Directorate, Space Technology Mission Directorate, and NASA's Office of Education. Additionally, GST and NRESS work with NASA in support of our international space agency partners, including the European Space Agency (ESA), the German Aerospace Center (Deutsches Zentrum für Luft- und Raumfahrt) (DLR), the Japan Aerospace Exploration Agency (JAXA), France's Centre National d'Etudes Spatiales (CNES), the Canadian Space Agency (CSA), as well as others.

NRESS Supports a Wide Range of NASA Missions

The fair assessment of scientific and technical merit is a cornerstone of any funding agency, and GST is dedicated to adherence of peer review principles and strictly enforcing conflict of interest policies to provide robust, unbiased feedback for consideration in NASA's research funding decisions. In support of NASA's aeronautics and Earth-based research, International Space Station research, astrophysics and deep space research, and future manned missions beyond low-earth orbit to Mars and other destinations, GST was, and continues to be, responsible for staffing subject matter experts that recruit for the best science reviewers and administering external peer review panels on behalf of NASA. GST has and continues to assemble peer review panels of national and international prominence in support of multiple research areas relevant to NASA's mission.

Secure and reliable systems are required for proposal receipt, review, and selection. GST is responsible for software and database development/enhancement, system maintenance, and operations/administration of the NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES). NSPIRES is a well-known and well-used system for submission and review of proposals to NASA with over 115,000 registered users that has been used for over 13 years. This web-based system enables NASA and GST to post solicitation notices and to organize and manage peer review panels. The system also enables principal investigators and their organizations to electronically submit research proposals to NASA and securely transmit data to procurement centers for funding. GST also manages the NASA Life Sciences and Physical Sciences Program Task Books and Bibliography (Task Book). This system provides detailed information on more than 7,000 Human Exploration and Operations Directorate research tasks, provides annual progress updates on each active task, and allows users to find tasks by a variety of search criteria.