

**National Space Grant College and Fellowship Program
Strategic Plan 2002-2006
Executive Summary**

The National Space Grant College and Fellowship Program Implementation Plan will guide the Space Grant program through the year 2006. This Executive Summary includes our National Vision, six National Mission Statements, and twelve National Goals. The strategic planning process involved all 52 Space Grant programs directly. Participation in the creation of the strategic plan included Space Grant Directors; Associate Directors; state, industry, and academic affiliates and NASA. In order to assure all states participate in the completion of this Plan, a participative process was used. One state, one vote. This methodology provided the opportunity for all participants and stakeholders to shape and focus the future of the National Space Grant College and Fellowship Program. This Implementation Plan is our roadmap. At its core is our support for NASA's Strategic Framework and our science and engineering education, research, and outreach programs.

VISION

The National Space Grant College and Fellowship program is a national network of colleges and universities working to expand opportunities for Americans to understand and participate in NASA's aeronautics and space programs by supporting and enhancing science and engineering education, research, and outreach programs.

MISSION & GOALS - 2001-2006

Mission Statement #1: Using our national network of scientists, engineers, and educators, enable the development of a diverse workforce of future scientists, engineers, technology professionals, and educators.

Goal #1: Create a National Space Grant Fellowship Program and work to significantly increase the program size each year.

Goal #2: Involve Space Grant students in research and discovery.

Goal #3: Model diversity in Space Grant leadership, programs, and activities.

Mission Statement #2: Stimulate and nurture innovative programs to assure the development and transfer of practical applications in aerospace research and education.

Goal #4: Identify innovative concepts and resources within and outside the Space Grant network, share information across the network, and identify sources of financial and other support.

Mission Statement #3: Cultivate a nationwide network of partners from universities, industry, museums, science centers, state and local agencies, to pursue state and national aerospace research, education, and economic development goals.

Goal #5: Establish Space Grant as a viable state/national resource and catalyst for aerospace research, education, and economic development.

Goal #6: Each consortium has on its Advisory Board members of science centers, industry, museums, and state and local agencies to create an environment where collaboration is encouraged and supported in areas of common interest. Representatives from the state Advisory Boards will comprise a national working group on networking which will meet at regional and national meetings and report.

Mission Statement #4: Provide access to the excitement, knowledge, and technology from America's Earth, Air and Space programs.

Goal #7: Develop, enable, and highlight local participation in Earth, Air, and Space programs on a national level.

Mission Statement #5: Educate students at all levels by encouraging and supporting interdisciplinary and multi-disciplinary research experiences and education programs.

Goal #8: Develop and promote national Space Grant opportunities for student research activities/space missions (e.g. Cube Sat, Cit. Explorers)

Goal #9: The International Space Station (ISS): A Science Classroom for America. Engage the nation to be an active learner in this new science classroom by developing and flying student experiments on the ISS.

Goal #10: Develop networks of students, faculty, and industry scientists to address workforce issues.

Mission Statement #6: Serve the general public by contributing to scientific literacy.

Goal #11: Develop Earth, Air, and Space programs to enhance public scientific literacy and to complement community needs.

Goal #12: Engage in all facets of the community in the excitement of scientific discovery using Science, Math, Engineering and Technology (Edutainment, Process of Discovery).