



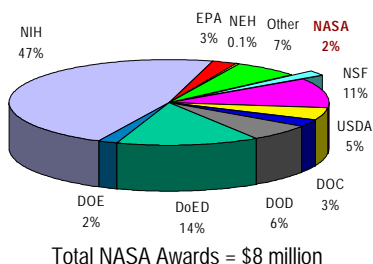
NASA-SUPPORTED SPONSORED PROGRAMS AT THE UNIVERSITY OF NORTH CAROLINA

THE UNIVERSITY OF NORTH CAROLINA
Composed of the 16 Public Senior Institutions of Higher Education in North Carolina
www.northcarolina.edu

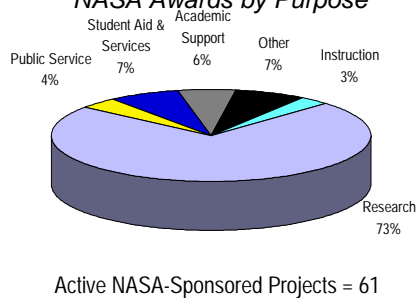
NASA Mission: The National Aeronautics and Space Administration (NASA) is dedicated to understanding and protecting our home planet, exploring the universe, and inspiring the next generation of explorers. In addition to its well-known programs such as the International Space Station, the Space Transportation System (STS or Space Shuttle), and the Hubble Space Telescope, NASA sponsors university-based research in its five principal enterprises: Biological and Physical Research, Human Exploration and Development of Space, Space Science, Earth Science, and Aerospace Technology. NASA support at UNC includes projects in astronomy, medicine, and a variety of engineering disciplines. UNC units such as the Center for Plant Gravitational Genomics and the Center for Earth Observation at NC State University, and the Center for Aerospace Research at NC A&T State University contribute significantly to the U.S. space program.

A STATISTICAL SNAPSHOT OF NASA SUPPORT AT UNC IN FY 2002

NASA Share of Federal Awards



NASA Awards by Purpose



CURRENT EXAMPLES OF UNC PROJECTS SUPPORTED BY NASA

North Carolina Space Grant Consortium (N.C. State University, N.C. A&T State University, UNC Chapel Hill, UNC Charlotte, UNC Pembroke, N.C. Central University, Winston Salem State University and Duke University). The North Carolina Space Grant Consortium, established in 1991, participates in a national network of Space Grant consortia as defined by the National Space Grant Act of 1988. By forming partnerships with all levels of educational institutions, industry, and government through fellowships, scholarships, research seed grants, outreach grants, and higher education initiatives, the consortium promotes and develops aeronautics and space-related science, engineering, and technology programs. Program funding is provided through an annual grant from NASA and a matching funds requirement from the universities in the consortium.

National Institute for Aerospace (N.C. State University and N.C. A&T State University). NCSU and NC A&T are collaborating with four other highly regarded national research universities (Georgia Institute of Technology, Virginia Polytechnic Institute and State University, University of Virginia, University of Maryland) and the American Institute of Aeronautics and Astronautics Foundation to implement the institute at the local, state, national, and international levels. The institute conducts leading edge aerospace and atmospheric sciences research and develop revolutionary new technologies by creating innovative, collaborative, synergistic partnerships among NASA, academia, and industry; provides comprehensive graduate and continuing education in science and engineering by using both a local campus and exploiting innovative distance-learning concepts; incubates and stimulates the commercialization of new intellectual property developed through the Institute's activities; and promotes aerospace science and engineering outreach to the region and nation.

Festival of Flight (Fayetteville State University). With support from NASA, the Mathematics and Science Education Center (MSEC) at FSU will help host the eleven-day "Festival of Flight" celebration leading up to Memorial Day 2003. The festival will commemorate the 100th anniversary of the Wright brothers' historic first flight at Kitty Hawk, North Carolina in 1903. The MSEC will feature an exhibit focusing on achievements of African Americans in the history of U.S. Aviation, including the Tuskegee Airmen and African-American astronauts, as well as exhibits highlighting the evolution of flight, celebrity speakers and former astronauts, moon buggies used in space missions, and a replica of the Wright brother's plane. More than one million people will attend the festival, and students from across the state will attend the exhibition.