

space and Earth. Affiliate faculty members serve as an important source of expert information and participate in a range of food development projects.

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The NASA Food Technology Commercial Space Center

and How Your Company Can Participate

Developing Food Products and Food-Processing Technologies for Space and Commercial Applications

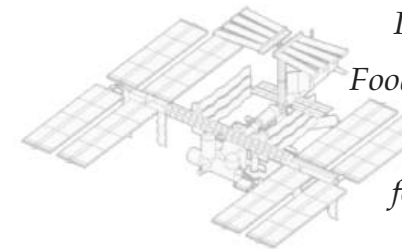




Photo courtesy of NASA

The NASA Food Technology Commercial Space Center

Mission Statement

The NASA Food Technology Commercial Space Center (NASA FTCSC) was established in 1999 to lead a national effort in developing foods and food-processing technologies that enhance space missions and advance commercial food products through cooperative efforts with NASA scientists and technologists, commercial companies, and academic researchers.

The NASA FTCSC office is located at the Iowa State University Research Park in Ames, Iowa. The Research Park and its business incubator, the Iowa State Innovation System (ISIS), are the center of a comprehensive technology transfer network that both nurtures technology and carries technology from the laboratory to the marketplace.

Objectives

NASA FTCSC engages in research and development projects to fulfill the following objectives.

- Development of foods for 30- to 120-day space missions in support of the International Space Station (minimum shelf life of one year).
- Development of food products and food-processing technologies to support human exploration of space for missions of up to five years, including stored food systems for transit vehicles and food-processing systems for site-grown crops.
- Development of a terrestrial commercial production and marketing plan for products and processes developed for the space program.
- Focused research in direct support of the development of food products, food production processes, waste processing, product safety for space, and terrestrial applications.

Each objective will meet NASA requirements for nutrition and safety.

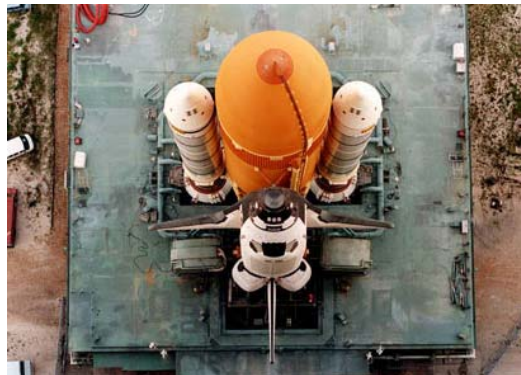


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Commercial Partners

An integral part of NASA FTCSC is a core group of commercial partners who commit research staff, facilities, and materials to specific product development projects.

NASA FTCSC has three levels of partnership for companies wanting to become involved in space food projects.

- **Corporate Founding Partners** commit at least \$250,000 in cash or in-kind activity over a period of one to five years.
- **Corporate Partners** commit at least \$50,000 per year in cash or in-kind activity for one or more years.
- **Affiliate Partners** commit at least \$5,000 but less than \$50,000 per year in cash or in-kind activity for one or more years.

Collaborating Centers/Consortia

NASA FTCSC collaborating centers and consortia are academic or national entities with food science and technology as one of their research missions and whose association with NASA FTCSC furthers both that mission and the success of their faculty and staff. Collaborating centers and consortia encourage their affiliate faculty to support NASA FTCSC-related efforts and to act as ambassadors to corporations that may benefit from association with NASA FTCSC.

Affiliate Faculty Members

Through affiliate faculty membership, NASA FTCSC is developing synergistic relationships with which to leverage knowledge, research, and resources to develop food products and processes that enhance food systems for both