

efits and applications that can be advanced significantly from the uniqueness of microgravity and the space environment; and

(2) carry out, to the maximum extent practicable, basic, applied, and commercial International Space Station research in fields such as molecular crystal growth, animal research, basic fluid physics, combustion research, cellular biotechnology, low-temperature physics, and cellular research at a level that will sustain the existing United States scientific expertise and research capability in microgravity research.

(Pub. L. 111-314, § 3, Dec. 18, 2010, 124 Stat. 3393.)

HISTORICAL AND REVISION NOTES

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40904(1) .....	42 U.S.C. 16655(2).	Pub. L. 109-155, title III, § 305(2), (3), Dec. 30, 2005, 119 Stat. 2918.
40904(2) .....	42 U.S.C. 16655(3).	

**§ 40905. Program to expand distance learning in rural underserved areas**

(a) IN GENERAL.—The Administrator shall develop or expand programs to extend science and space educational outreach to rural communities and schools through video conferencing, interpretive exhibits, teacher education, classroom presentations, and student field trips.

(b) PRIORITIES.—In carrying out subsection (a), the Administrator shall give priority to existing programs, including Challenger Learning Centers—

- (1) that utilize community-based partnerships in the field;
- (2) that build and maintain video conference and exhibit capacity;
- (3) that travel directly to rural communities and serve low-income populations; and
- (4) with a special emphasis on increasing the number of women and minorities in the science and engineering professions.

(Pub. L. 111-314, § 3, Dec. 18, 2010, 124 Stat. 3393.)

HISTORICAL AND REVISION NOTES

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40905 .....	42 U.S.C. 16791.	Pub. L. 109-155, title VI, § 612, Dec. 30, 2005, 119 Stat. 2932.

**§ 40906. Equal access to the Administration's education programs**

(a) IN GENERAL.—The Administrator shall strive to ensure equal access for minority and economically disadvantaged students to the Administration's education programs.

(b) REPORT.—Every 2 years, the Administrator shall submit a report to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate describing the efforts by the Administrator to ensure equal access for minority and economically disadvantaged students under this section and the results of such efforts. As part of the report, the Administrator shall provide—

(1) data on minority participation in the Administration's education programs, at a minimum in the categories of—

- (A) elementary and secondary education;
- (B) undergraduate education; and
- (C) graduate education; and

(2) the total value of grants the Administration made to Historically Black Colleges and Universities and to Hispanic Serving Institutions through education programs during the period covered by the report.

(c) PROGRAM.—The Administrator shall establish the Dr. Mae C. Jemison Grant Program to work with Minority Serving Institutions to bring more women of color into the field of space and aeronautics.

(Pub. L. 111-314, § 3, Dec. 18, 2010, 124 Stat. 3393.)

HISTORICAL AND REVISION NOTES

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40906 .....	42 U.S.C. 16794.	Pub. L. 109-155, title VI, § 615, Dec. 30, 2005, 119 Stat. 2934.

In subsection (b), in the matter before paragraph (1), the words “Every 2 years” are substituted for “Not later than 1 year after the date of enactment of this Act [December 30, 2005], and every 2 years thereafter” to eliminate obsolete language.

In subsection (b), in the matter before paragraph (1), the words “Committee on Science and Technology” are substituted for “Committee on Science” on authority of Rule X(1)(o) of the Rules of the House of Representatives, adopted by House Resolution No. 6 (110th Congress, January 5, 2007).

CHANGE OF NAME

Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

**§ 40907. Museums**

The Administrator may provide grants to, and enter into cooperative agreements with, museums and planetariums to enable them to enhance programs related to space exploration, aeronautics, space science, Earth science, or microgravity.

(Pub. L. 111-314, § 3, Dec. 18, 2010, 124 Stat. 3394.)

HISTORICAL AND REVISION NOTES

<i>Revised Section</i>	<i>Source (U.S. Code)</i>	<i>Source (Statutes at Large)</i>
40907 .....	42 U.S.C. 16795.	Pub. L. 109-155, title VI, § 616, Dec. 30, 2005, 119 Stat. 2934.

**§ 40908. Continuation of certain education programs**

From amounts appropriated to the Administration for education programs, the Administrator shall ensure the continuation of the Space Grant Program, the Experimental Program to Stimulate Competitive Research, and, consistent with the results of the review under section 614 of the National Aeronautics and Space Administration Authorization Act of 2005 (Public Law 109-155, 119 Stat. 2933), the Adminis-

tration Explorer School program, to motivate and develop the next generation of explorers.  
(Pub. L. 111-314, § 3, Dec. 18, 2010, 124 Stat. 3394.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
40908 .....	42 U.S.C. 16797.	Pub. L. 109-155, title VI, § 618, Dec. 30, 2005, 119 Stat. 2934.

REFERENCES IN TEXT

Section 614 of the National Aeronautics and Space Administration Authorization Act of 2005, referred to in text, was classified to former section 16793 of Title 42, The Public Health and Welfare, and was omitted from the Code following the enactment of this title by Pub. L. 111-314.

**§ 40909. Compliance with title IX of Education Amendments of 1972**

To comply with title IX of the Education Amendments of 1972 (20 U.S.C. 1681 et seq.), the Administrator shall conduct compliance reviews of at least 2 grantees annually.

(Pub. L. 111-314, § 3, Dec. 18, 2010, 124 Stat. 3394.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
40909 .....	42 U.S.C. 16798(b).	Pub. L. 109-155, title VI, § 619(b), Dec. 30, 2005, 119 Stat. 2935.

REFERENCES IN TEXT

The Education Amendments of 1972, referred to in text, is Pub. L. 92-318, June 23, 1972, 86 Stat. 235. Title IX of the Act, known as the Patsy Takemoto Mink Equal Opportunity in Education Act, is classified principally to chapter 38 (§1681 et seq.) of Title 20, Education. For complete classification of title IX to the Code, see Short Title note set out under section 1681 of Title 20 and Tables.

**Subtitle V—Programs Targeting Commercial Opportunities**

**CHAPTER 501—SPACE COMMERCE**

SUBCHAPTER I—GENERAL

Sec.  
50101. Definitions.

SUBCHAPTER II—PROMOTION OF COMMERCIAL SPACE OPPORTUNITIES

- 50111. Commercialization of Space Station.
- 50112. Promotion of United States Global Positioning System standards.
- 50113. Acquisition of space science data.
- 50114. Administration of commercial space centers.
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SUBCHAPTER III—FEDERAL ACQUISITION OF SPACE TRANSPORTATION SERVICES

- 50131. Requirement to procure commercial space transportation services.
- 50132. Acquisition of commercial space transportation services.
- 50133. Shuttle privatization.
- 50134. Use of excess intercontinental ballistic missiles.

SUBCHAPTER I—GENERAL

**§ 50101. Definitions**

In this chapter:

(1) **COMMERCIAL PROVIDER.**—The term “commercial provider” means any person providing space transportation services or other space-related activities, primary control of which is held by persons other than Federal, State, local, and foreign governments.

(2) **PAYLOAD.**—The term “payload” means anything that a person undertakes to transport to, from, or within outer space, or in sub-orbital trajectory, by means of a space transportation vehicle, but does not include the space transportation vehicle itself except for its components which are specifically designed or adapted for that payload.

(3) **SPACE-RELATED ACTIVITIES.**—The term “space-related activities” includes research and development, manufacturing, processing, service, and other associated and support activities.

(4) **SPACE TRANSPORTATION SERVICES.**—The term “space transportation services” means the preparation of a space transportation vehicle and its payloads for transportation to, from, or within outer space, or in suborbital trajectory, and the conduct of transporting a payload to, from, or within outer space, or in suborbital trajectory.

(5) **SPACE TRANSPORTATION VEHICLE.**—The term “space transportation vehicle” means any vehicle constructed for the purpose of operating in, or transporting a payload to, from, or within, outer space, or in suborbital trajectory, and includes any component of such vehicle not specifically designed or adapted for a payload.

(6) **STATE.**—The term “State” means each of the several States of the Union, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, the Commonwealth of the Northern Mariana Islands, and any other commonwealth, territory, or possession of the United States.

(7) **UNITED STATES COMMERCIAL PROVIDER.**—The term “United States commercial provider” means a commercial provider, organized under the laws of the United States or of a State, that is—

(A) more than 50 percent owned by United States nationals; or

(B) a subsidiary of a foreign company and the Secretary of Transportation finds that—  
(i) such subsidiary has in the past evidenced a substantial commitment to the United States market through—

(I) investments in the United States in long-term research, development, and manufacturing (including the manufacture of major components and subassemblies); and

(II) significant contributions to employment in the United States; and

(ii) the country or countries in which such foreign company is incorporated or organized, and, if appropriate, in which it principally conducts its business, affords reciprocal treatment to companies de-