research and pilot project program for the development of supplemental and alternative crops (7 U.S.C. 3319d).

(26) Administer an aquacultural assistance program, involving centers, by making grants to eligible institutions for research and extension to facilitate or expand production and marketing of aquacultural food species and products; conducting a program of extension and demonstration centers; and making grants to States to formulate aquaculture development plans for the production and marketing of aquaculture species and products (7 U.S.C. 3322).

(27) Administer grants to further develop and expand aquaculture research facilities for intensive water recirculating aquaculture systems (7 U.S.C. 3323).

(28) Administer a cooperative rangeland research program (7 U.S.C. 3331–3336).

(29) Administer grants for basic research on cancer in animals and birds (7 U.S.C. 3902).

(30) Administer programs and conduct projects in cooperation with other agencies for research and education on sustainable agriculture (7 U.S.C. 5811–5813).

(31) Administer a cooperative research and extension program to optimize crop and livestock production potential in integrated resource management and integrated crop management systems (7 U.S.C. 5821).

(32) Establish an Agricultural Weather Office and administer a national agricultural weather information system, including competitive grants program for research in atmospheric sciences and climatology (7 U.S.C. 5852–5853).

(33) Administer a cooperative extension program on agricultural weather forecasts and climate information for agricultural producers and administer a grant program to States to administer programs for State agricultural weather information systems (7 U.S.C. 5854).

(34) In cooperation with the Agricultural Research Service, administer competitive research grants regarding the production, preparation, processing, handling, and storage of agriculture products (7 U.S.C. 5871– 5874).

(35) Administer a grants and contracts program on integrated pest management including research to benefit floriculture and administer an extension program developed for integrated pest management (7 U.S.C. 5881).

(36) Administer a grants program to States on the control of infestations and eradication of exotic pests (7 U.S.C. 5883). (37) Administer a grant program for risk assessment research to address concerns about the environmental effects of biotechnology (7 U.S.C. 5921).

(38) Administer a special grants program to assist efforts by research institutions to improve the efficiency and efficacy of safety and inspection systems for livestock products (7 U.S.C. 5923).

(39) Administer a competitive grants program in support of the development of a plant genome mapping program (7 U.S.C. 5924).

(40) Support research related to the development of new commercial products derived from natural plant materials for industrial, medical, and agricultural applications (7 U.S.C. 5925).

(41) Administer a competitive grants program to develop production methods and commercial uses for mesquite (7 U.S.C. 5925).

(42) Administer a competitive grants program to investigate enhanced selection and processing techniques of prickly pears (7 U.S.C. 5925).

(43) Support research to determine the presence of aflatoxin in the food and feed chains (7 U.S.C. 5925).

(44) Administer research and extension grants for the development of agricultural production and marketing systems to service niche markets (7 U.S.C. 5925).

(45) Administer a grants program to States on immunoassay, as it is used to detect agricultural pesticide residues on agricultural commodities and to diagnose plant and animal diseases (7 U.S.C. 5925).

(46) Establish and administer a program for the development and utilization of an agricultural communications network (7 U.S.C. 5926).

(47) Administer a competitive grants program, in consultation with the Agricultural Research Service, to establish national centers for agricultural product quality research (7 U.S.C. 5928).

(48) Administer a special grants program to study constraints on agricultural trade (7 U.S.C. 5931).

(49) Support research on the effects of global climate change in agriculture and forestry, including mitigation of the effects on crops of economic significance, and on the effects of the emissions of certain gases on global climate change (7 U.S.C. 6702).

(50) Administer the Small Business Innovation Development Act of 1982 for USDA (15 U.S.C. 638(e)–(k)).

(51) Administer a competitive forestry, natural resources, and

environmental grant program (16 U.S.C. 582a-8).

(52) Establish and administer the Forestry Student Grant Program to provide competitive grants to assist the expansion of the professional education of forestry, natural resources, and environmental scientists (16 U.S.C. 1649).

(53) Provide staff support to the Secretary of Agriculture in his or her role as permanent Chair for the Joint Subcommittee on Aquaculture established by the National Aquaculture Act of 1980 and coordinate aquacultural responsibilities within the Department (16 U.S.C. 2805).

(54) Administer extension education programs in aquaculture and administer grants related to research and development in aquaculture (16 U.S.C. 2806).

(55) Coordinate research by cooperating State research institutions and administer education and information activities assigned under the Defense Production Act of 1950, as amended (50 U.S.C. App. 2061, *et seq.*), and title VI of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5195, *et seq.*).

(56) Provide management support services to agencies reporting to the Under Secretary for Research, Education, and Economics in the administration of discretionary grants.

(57) Represent the Department on the Federal Interagency Council on Education.

(58) Conduct and coordinate Departmental research programs on water quality and nutrient management (7 U.S.C. 5504).

(59) Establish and administer education programs relating to water quality (7 U.S.C. 5503).

(60) Administer education programs for the users and dealers of agrichemicals (7 U.S.C. 5506).

(61) Administer a cooperative agricultural extension program in accordance with the Smith-Lever Act, as amended (7 U.S.C. 341–349).

(62) Administer a cooperative agricultural extension program related to agriculture, uses of solar energy with respect to agriculture, and home economics in the District of Columbia (D.C. Code 31–1409).

(63) Conduct educational and demonstration work related to the distribution and marketing of a agricultural products under the Agricultural Marketing Act of 1946, as amended (7 U.S.C. 1621–1627).

(64) Administer a competitive grant program for non-profit institutions to establish and operate centers for rural