the White House Office of Science and Technology Policy.

(ii) a statement that the project is ''classified'' and an explanation of what classified means.

(e) The agencies shall jointly propose to modify the institutional review board (''IRB'') approval process for classified human subjects research as follows:

(i) The Common Rule currently requires that each IRB ''include at least one member who is not otherwise affiliated with the institution and who is not part of the immediate family of a person who is affiliated with the institution.'' For classified research, the agencies shall define ''not otherwise affiliated with the institution,'' as a nongovernmental member with the appropriate security clearance.

(ii) Under the Common Rule, research projects are approved by the IRB if a ''majority of those (IRB) members present at a meeting'' approved the project. For classified research, the agencies shall propose to permit any member of the IRB who does not believe a specific project should be approved by the IRB to appeal a majority decision to approve the project to the head of the sponsoring agency. If the agency head affirms the IRB's decision to approve the project, the dissenting IRB member may appeal the IRB's decisions to the Director of OSTP. The Director of OSTP shall review the IRB's decision and approve or disapprove the project, or, at the Director's discretion, convene an IRB made up of nongovernmental officials, each with the appropriate security clearances, to approve or disapprove the project.

(iii) IRBs for classified research shall determine whether potential subjects need access to classified information to make a valid informed consent decision.

2. *Final Rules*. Agencies shall, within 1 year, after considering any comments, promulgate final rules on the protection of human subjects of classified research.

3. *Agency Head Approval of Classified Research Projects*. Agencies may not conduct any classified human research project subject to the Common Rule unless the agency head has personally approved the specific project.

4. *Annual Public Disclosure of the Number of Classified Research Projects*. Each agency head shall inform the Director of OSTP by September 30 of each year of the number of classified research projects involving human subjects underway on that date, the number completed in the previous 12-month period, and the number of human subjects in each project. The Director of OSTP shall report the total number of classified research projects and participating subjects to the President and shall then report to the congressional armed services and intelligence committees and further shall publish the numbers in the Federal Register.

5. *Definitions*. For purposes of this memorandum, the terms ''research'' and ''human subject'' shall have the meaning set forth in the Common Rule. ''Classified human research'' means research involving ''classified information'' as defined in [former] Executive Order 12958.

6. *No Classified Human Research Without Common Rule*. Beginning one year after the date of this memorandum, no agency shall conduct or support classified human research without having proposed and promulgated the Common Rule, including the changes set forth in this memorandum and any subsequent amendments.

7. *Judicial Review*. This memorandum is not intended to create any right or benefit, substantive or procedural, enforceable at law by a party against the United States, its agencies, its officers, or any other persons.

8. The Secretary of Health and Human Services shall publish this memorandum in the Federal Register.

WILLIAM J. CLINTON.

§ 6602. Congressional declaration of policy

(a) Principles

In view of the foregoing, the Congress declares that the United States shall adhere to a national policy for science and technology which includes the following principles:

(1) The continuing development and implementation of strategies for determining and achieving the appropriate scope, level, direction, and extent of scientific and technological efforts based upon a continuous appraisal of the role of science and technology in achieving goals and formulating policies of the United States, and reflecting the views of State and local governments and representative public groups.

(2) The enlistment of science and technology to foster a healthy economy in which the directions of growth and innovation are compatible with the prudent and frugal use of resources and with the preservation of a benign environment.

(3) The conduct of science and technology operations so as to serve domestic needs while promoting foreign policy objectives.

(4) The recruitment, education, training, retraining, and beneficial use of adequate numbers of scientists, engineers, and technologists, and the promotion by the Federal Government of the effective and efficient utilization in the national interest of the Nation's human resources in science, engineering, and technology.

(5) The development and maintenance of a solid base for science and technology in the United States, including: (A) strong participation of and cooperative relationships with State and local governments and the private sector; (B) the maintenance and strengthening of diversified scientific and technological capabilities in government, industry, and the universities, and the encouragement of independent initiatives based on such capabilities, together with elimination of needless barriers to scientific and technological innovation; (C) effective management and dissemination of scientific and technological information; (D) establishment of essential scientific, technical and industrial standards and measurement and test methods; and (E) promotion of increased public understanding of science and technology.

(6) The recognition that, as changing circumstances require periodic revision and adaptation of this subchapter, the Federal Government is responsible for identifying and interpreting the changes in those circumstances as they occur, and for effecting subsequent changes in this subchapter as appropriate.

(b) Implementation

To implement the policy enunciated in subsection (a) of this section, the Congress declares that:

(1) The Federal Government should maintain central policy planning elements in the executive branch which assist Federal agencies in (A) identifying public problems and objectives, (B) mobilizing scientific and technological resources for essential national programs, (C) securing appropriate funding for programs so identified, (D) anticipating future concerns to which science and technology can contribute and devising strategies for the conduct of science and technology for such purposes, (E)

reviewing systematically Federal science policy and programs and recommending legislative amendment thereof when needed. Such elements should include an advisory mechanism within the Executive Office of the President so that the Chief Executive may have available independent, expert judgment and assistance on policy matters which require accurate assessments of the complex scientific and technological features involved.

(2) It is a responsibility of the Federal Government to promote prompt, effective, reliable, and systematic transfer of scientific and technological information by such appropriate methods as programs conducted by nongovernmental organizations, including industrial groups and technical societies. In particular, it is recognized as a responsibility of the Federal Government not only to coordinate and unify its own science and technology information systems, but to facilitate the close coupling of institutional scientific research with commercial application of the useful findings of science.

(3) It is further an appropriate Federal function to support scientific and technological efforts which are expected to provide results beneficial to the public but which the private sector may be unwilling or unable to support.

(4) Scientific and technological activities which may be properly supported exclusively by the Federal Government should be distinguished from those in which interests are shared with State and local governments and the private sector. Among these entities, cooperative relationships should be established which encourage the appropriate sharing of science and technology decisionmaking, funding support, and program planning and execution.

(5) The Federal Government should support and utilize engineering and its various disciplines and make maximum use of the engineering community, whenever appropriate, as an essential element in the Federal policymaking process.

(6) Comprehensive legislative support for the national science and technology effort requires that the Congress be regularly informed of the condition, health and vitality, and funding requirements of science and technology, the relation of science and technology to changing national goals, and the need for legislative modification of the Federal endeavor and structure at all levels as it relates to science and technology.

(c) Procedures

The Congress declares that, in order to expedite and facilitate the implementation of the policy enunciated in subsection (a) of this section, the following coordinate procedures are of paramount importance:

(1) Federal procurement policy should encourage the use of science and technology to foster frugal use of materials, energy, and appropriated funds; to assure quality environment; and to enhance product performance.

(2) Explicit criteria, including cost-benefit principles where practicable, should be developed to identify the kinds of applied research and technology programs that are appropriate for Federal funding support and to determine the extent of such support. Particular attention should be given to scientific and technological problems and opportunities offering promise of social advantage that are so long range, geographically widespread, or economically diffused that the Federal Government constitutes the appropriate source for undertaking their support.

(3) Federal promotion of science and technology should emphasize quality of research, recognize the singular importance of stability in scientific and technological institutions, and for urgent tasks, seek to assure timeliness of results. With particular reference to Federal support for basic research, funds should be allocated to encourage education in needed disciplines, to provide a base of scientific knowledge from which future essential technological development can be launched, and to add to the cultural heritage of the Nation.

(4) Federal patent policies should be developed, based on uniform principles, which have as their objective the preservation of incentives for technological innovation and the application of procedures which will continue to assure the full use of beneficial technology to serve the public.

(5) Closer relationships should be encouraged among practitioners of different scientific and technological disciplines, including the physical, social, and biomedical fields.

(6) Federal departments, agencies, and instrumentalities should assure efficient management of laboratory facilities and equipment in their custody, including acquisition of effective equipment, disposal of inferior and obsolete properties, and cross-servicing to maximize the productivity of costly property of all kinds. Disposal policies should include attention to possibilities for further productive use.

(7) The full use of the contributions of science and technology to support State and local government goals should be encouraged.

(8) Formal recognition should be accorded those persons whose scientific and technological achievements have contributed significantly to the national welfare.

(9) The Federal Government should support applied scientific research, when appropriate, in proportion to the probability of its usefulness, insofar as this probability can be determined; but while maximizing the beneficial consequences of technology, the Government should act to minimize foreseeable injurious consequences.

(10) Federal departments, agencies, and instrumentalities should establish procedures to insure among them the systematic interchange of scientific data and technological findings developed under their programs.

(Pub. L. 94–282, title I, § 102, May 11, 1976, 90 Stat. 460.)

§ 6603. Sense of Congress on innovation acceleration research

(a) Sense of Congress on support and promotion of innovation in the United States

It is the sense of Congress that each Federal research agency should strive to support and promote innovation in the United States through high-risk, high-reward basic research projects that—

(1) meet fundamental technological or scientific challenges;

(2) involve multidisciplinary work; and

(3) involve a high degree of novelty.

(b) Sense of Congress on setting annual funding goals for basic research

It is the sense of Congress that each Executive agency that funds research in science, technology, engineering, or mathematics should set a goal of allocating an appropriate percentage of the annual basic research budget of such agency to funding high-risk, high-reward basic research projects described in subsection (a).

(c) Definitions

In this section:

(1) Basic research

The term ''basic research'' has the meaning given such term in the Office of Management and Budget Circular No. A–11.

(2) Executive agency

The term ''Executive agency'' has the meaning given such term in section 105 of title 5.

(Pub. L. 110–69, title I, § 1008, Aug. 9, 2007, 121 Stat. 581; Pub. L. 114–329, title II, § 204(a)(2), Jan. 6, 2017, 130 Stat. 2998.)

CODIFICATION

Section was enacted as part of the America COMPETES Act, also known as the America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Act, and not as part of the National Science and Technology Policy, Organization, and Priorities Act of 1976 which comprises this chapter.

AMENDMENTS

2017—Subsecs. (c), (d). Pub. L. 114–329 redesignated subsec. (d) as (c) and struck out former subsec. (c) which related to annual reports to Congress.

§ 6604. Interagency working group on research regulation

(a) Short title

This section may be cited as the ''Research and Development Efficiency Act''.

(b) Findings

Congress makes the following findings:

(1) Scientific and technological advancement have been the largest drivers of economic growth in the last 50 years, with the Federal Government being the largest investor in basic research.

(2) Substantial and increasing administrative burdens and costs in Federal research administration, particularly in the higher education sector where most federally funded research is performed, are eroding funds available to carry out basic scientific research.

(3) Federally funded grants are increasingly competitive, with the Foundation funding only approximately 1 in every 5 grant proposals.

(4) Progress has been made over the last decade in streamlining the pre-award grant application process through the Federal Government's Grants.gov website.

(5) Post-award administrative costs have increased as Federal research agencies have continued to impose agency-unique compliance and reporting requirements on researchers and research institutions.

(6) Researchers spend as much as 42 percent of their time complying with Federal regulations, including administrative tasks such as applying for grants or meeting reporting requirements.

(c) Sense of Congress

It is the sense of Congress that—

(1) administrative burdens faced by researchers may be reducing the return on investment of federally funded research and development; and

(2) it is a matter of critical importance to United States competitiveness that administrative costs of federally funded research be streamlined so that a higher proportion of federal funding is applied to direct research activities.

(d) Establishment

The Director of the Office of Management and Budget, in coordination with the Office of Science and Technology Policy, shall establish an interagency working group (referred to in this section as the ''Working Group'') for the purpose of reducing administrative burdens on federally funded researchers while protecting the public interest through the transparency of and accountability for federally funded activities.

(e) Responsibilities

(1) In general

The Working Group shall—

(A) regularly review relevant, administration-related regulations imposed on federally funded researchers;

(B) recommend those regulations or processes that may be eliminated, streamlined, or otherwise improved for the purpose described in subsection (d);

(C) recommend ways to minimize the regulatory burden on United States institutions of higher education performing federally funded research while maintaining accountability for federal funding; and

(D) recommend ways to identify and update specific regulations to refocus on performance-based goals rather than on process while achieving the outcome described in subparagraph (C).

(2) Grant review

(A) In general

The Working Group shall—

(i) conduct a comprehensive review of Federal science agency grant proposal documents; and

(ii) develop, to the extent practicable, a simplified, uniform grant format to be used by all Federal science agencies.