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(Original Signature of Member)

110TH CONGRESS
1ST SESSION

H. R.

To reauthorize and provide additional funding for essential agricultural research, extension, education, and related programs, to establish the National Institutes for Food and Agriculture as an independent agency reporting to and coordinating with the Secretary of Agriculture, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. BARROW introduced the following bill; which was referred to the Committee on _____

A BILL

To reauthorize and provide additional funding for essential agricultural research, extension, education, and related programs, to establish the National Institutes for Food and Agriculture as an independent agency reporting to and coordinating with the Secretary of Agriculture, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

2 (a) **SHORT TITLE.**—This Act may be cited as the
3 “Creating Research Extension and Teaching Excellence
4 for the 21st Century Act of 2007” or the “CREATE-21
5 Act of 2007”.

6 (b) **TABLE OF CONTENTS.**—The table of contents of
7 this Act is as follows:

- Sec. 1. Short title; table of contents.
- Sec. 2. Purposes.
- Sec. 3. Definitions.

TITLE I—NATIONAL INSTITUTES FOR FOOD AND AGRICULTURE

- Sec. 101. Establishment of National Institutes for Food and Agriculture.
- Sec. 102. Offices; administration.
- Sec. 103. Organization of National Institutes for Food and Agriculture.
- Sec. 104. Funding.
- Sec. 105. Enhanced funding.
- Sec. 106. Single budget submission.
- Sec. 107. Capacity building grants for ASCARR Institutions.

TITLE II—MODIFICATIONS

- Sec. 201. Merit Review of Extension and Educational Grants.
- Sec. 202. Repeal plan of work requirements.
- Sec. 203. Indirect costs.

TITLE III—EXTENSIONS

**Subtitle A—National Agricultural Research, Extension, and Teaching Policy
Act of 1977**

- Sec. 301. Grants and fellowships for food and agricultural sciences education.
- Sec. 302. Grants for research on production and marketing of alcohols and industrial hydrocarbons from agricultural commodities and forest products.
- Sec. 303. Policy research centers.
- Sec. 304. Human nutrition intervention and health promotion research program.
- Sec. 305. Pilot research program to combine medical and agricultural research.
- Sec. 306. Nutrition education program.
- Sec. 307. Continuing animal health and disease research programs.
- Sec. 308. Appropriations for research on national or regional problems.
- Sec. 309. Grants to upgrade agricultural and food sciences facilities at 1890 land-grant colleges, including Tuskegee University.
- Sec. 310. National research and training virtual centers.
- Sec. 311. Matching funds requirement for research and extension activities of 1890 Institutions.
- Sec. 312. Hispanic-serving institutions.

- Sec. 313. Competitive grants for international agricultural science and education programs.
- Sec. 314. Research equipment grants.
- Sec. 315. University research.
- Sec. 316. Extension Service.
- Sec. 317. Supplemental and alternative crops.
- Sec. 318. Aquaculture research facilities.
- Sec. 319. Rangeland research.
- Sec. 320. Special authorization for biosecurity planning and response.
- Sec. 321. Resident instruction and distance education grants program for insular area institutions of higher education.

Subtitle B—Food, Agriculture, Conservation, and Trade Act of 1990

- Sec. 331. National genetics resources program.
- Sec. 332. High-priority research and extension initiatives.
- Sec. 333. Nutrient management research and extension initiative.
- Sec. 334. Organic agriculture research and extension initiative.
- Sec. 335. Agricultural telecommunications program.
- Sec. 336. Assistive technology program for farmers with disabilities.
- Sec. 337. National Rural Information Center Clearinghouse.

Subtitle C—Agricultural Research, Extension, and Education Reform Act of 1998

- Sec. 341. Partnerships for high-value agricultural product quality research.
- Sec. 342. Precision agriculture.
- Sec. 343. Biobased products.
- Sec. 344. Thomas Jefferson Initiative for crop diversification.
- Sec. 345. Integrated research, education, and extension competitive grants program.
- Sec. 346. Support for research regarding diseases of wheat, triticale, and barley caused by *Fusarium graminearum* or by *Tilletia indica*.
- Sec. 347. Bovine Johne's disease control program.
- Sec. 348. Grants for youth organizations.
- Sec. 349. Agricultural biotechnology research and development for developing countries.
- Sec. 350. Office of Pest Management Policy.

Subtitle D—Other Laws

- Sec. 371. Critical Agricultural Materials Act.
- Sec. 372. Equity in Educational Land-Grant Status Act of 1994.
- Sec. 373. Agricultural Experiment Station Research Facilities Act.
- Sec. 374. National Agricultural Research, Extension, and Teaching Policy Act Amendments of 1985.
- Sec. 375. Competitive, Special, and Facilities Research Grant Act (National Research Initiative).
- Sec. 376. Beginning farmer and rancher development program.
- Sec. 377. Agricultural Risk Protection Act of 2000 (Carbon Cycle Research).
- Sec. 378. Renewable Resources Extension Act of 1978.
- Sec. 379. National Aquaculture Act of 1980.

TITLE IV—ENHANCEMENTS

Subtitle A—Research and Extension

4

- Sec. 401. Compliance with multistate and integration requirements.
- Sec. 402. Expansion of food and agricultural sciences awards.
- Sec. 403. Sustainable human development initiative.

Subtitle B—Nutrition

- Sec. 411. Expanded food and nutrition education program.
- Sec. 412. University of the district of columbia eligibility for the expanded food and nutrition program.
- Sec. 413. Food stamp nutrition education reimbursement for 1890 institutions.
- Sec. 414. Reauthorization of the national nutrition monitoring and related research act of 1990.

Subtitle C—1890 Initiatives

- Sec. 421. Research and education under the national agricultural research, extension, and teaching policy act of 1977.
- Sec. 422. Extension formula programs under the national agricultural research, extension, and teaching policy act of 1977.
- Sec. 423. Children, youth, and families education and research network (cyfernet) program.
- Sec. 424. Animal health and disease research program.
- Sec. 425. McIntire-stennis cooperative forestry act.
- Sec. 426. Outreach and assistance for socially disadvantaged farmers and ranchers.
- Sec. 427. Grants to 1890 schools to expand extension capacity.
- Sec. 428. National center for the study of socially disadvantaged farmers.

Subtitle D—Forestry

- Sec. 431. McIntire-stennis cooperative forestry research program.

Subtitle E—Rural Development

- Sec. 441. Extension of agricultural telecommunications program to rural development.
- Sec. 442. Authorization of rural development research under the initiative for future agriculture and food systems.
- Sec. 443. Priority initiatives: land use management.
- Sec. 444. Priority initiatives: water and air quality.
- Sec. 445. Priority initiatives: agrotourism.
- Sec. 446. Organic agriculture research and extension initiative.
- Sec. 447. Biosecurity.
- Sec. 448. Beginning farmers and ranchers.
- Sec. 449. Resident instruction and distant education.
- Sec. 450. Tribal college and university essential community facilities.
- Sec. 451. Value-added agricultural product market development.
- Sec. 452. Innovation center demonstration projects.
- Sec. 453. Rural entrepreneurship development program.
- Sec. 454. Amendments to the consolidated farm and rural development act relating to 2002 farm bill programs.

Subtitle F—International Trade

- Sec. 461. Fas/extension service internships.
- Sec. 462. Fas internships; university-assisted funding.

Sec. 463. Borlaug international agricultural science and technology fellowship program.

Subtitle G—Energy

Sec. 471. Procurement of biobased products.
Sec. 472. Bioenergy development grants.
Sec. 473. Biodiesel fuel education and development grants.
Sec. 474. Energy audit and renewable energy development program.
Sec. 475. Renewable energy systems and energy efficiency improvements.
Sec. 476. Biomass research and development.
Sec. 477. Cooperative research and extension projects; carbon cycle research.

Subtitle H—Conservation

Sec. 1. Environmental quality incentives.
Sec. 2. Conservation technical assistance and education by extension service.
Sec. 3. Assessment and reform of conservation programs.

1 **SEC. 2. PURPOSES.**

2 The purposes of this Act are—

3 (1) to integrate and organize the administration
4 of the extramural agricultural research, extension,
5 education, and related programs administered by the
6 Secretary of Agriculture to respond to 21st century
7 challenges and continue to meet the needs of society
8 from a local, tribal, State, national, and inter-
9 national perspective;

10 (2) to minimize duplication, and maximize co-
11 ordination and integration, among the programs at
12 all levels through a solution-based approach;

13 (3) to enhance the capacity of all participating
14 institutions to more effectively carry out the pro-
15 grams, with special emphasis given to 1890 Institu-
16 tions, 1994 Institutions, Insular Area Institutions,

1 ASCARR Institutions, and Small 1862 Land-Grant
2 Institutions;

3 (4) to provide for a more balanced portfolio of
4 available resources and funding between capacity
5 programs and competitive programs through the en-
6 hanced growth of competitive funds;

7 (5) to position the agricultural research, exten-
8 sion, education, and related programs system to in-
9 crease the contribution of the system to society
10 through the expansion of the portfolio of the system;
11 and

12 (6) to provide funding to achieve the purposes
13 of this Act and other purposes by enhancing by 100
14 percent the authorized funding for extramural agri-
15 cultural research, extension, education, and related
16 programs over 5 fiscal years.

17 **SEC. 3. DEFINITIONS.**

18 In this Act:

19 (1) 1862 INSTITUTION.—The term “1862 Insti-
20 tution” means a college or university eligible to re-
21 ceive funds under the Act of July 2, 1862 (7 U.S.C.
22 301 et seq.).

23 (2) 1890 INSTITUTION.—The term “1890 Insti-
24 tution” means a college or university eligible to re-

1 ceive funds under the Act of August 30, 1890 (7
2 U.S.C. 321 et seq.), including Tuskegee University.

3 (3) 1994 INSTITUTION.—The term “1994 Insti-
4 tution” means 1 of the 1994 Institutions (as defined
5 in section 532 of the Equity in Educational Land-
6 Grant Status Act of 1994 (Public Law 103–382; 7
7 U.S.C. 301 note)).

8 (4) ASCARR INSTITUTION.—

9 (A) IN GENERAL.—The term “ASCARR
10 Institution” means a public college or university
11 offering a baccalaureate or higher degree in the
12 study of agriculture.

13 (B) EXCLUSIONS.—The term “ASCARR
14 Institution” does not include an institution eli-
15 gible to receive funds under—

16 (i) the Act of July 2, 1862 (commonly
17 known as the “First Morrill Act”) (7
18 U.S.C. 301 et seq.);

19 (ii) the Act of August 30, 1890 (com-
20 monly known as the “Second Morrill Act”)
21 (7 U.S.C. 321 et seq.); or

22 (iii) the Equity in Educational Land-
23 Grant Status Act of 1994 (Public Law
24 103–382; 7 U.S.C. 301 note).

1 (5) CAPACITY PROGRAM.—The term “capacity
2 program” means each of the following agricultural
3 research, extension, education, and related programs
4 for which the Secretary has administrative or other
5 authority as of the day before the date of enactment
6 of this Act:

7 (A) Each program established under the
8 Act of July 2, 1862 (commonly known as the
9 “First Morrill Act”) (7 U.S.C. 301 et seq.).

10 (B) Each program providing funding to
11 any of the 1994 Institutions under sections
12 533, 534(a), and 535 of the Equity in Edu-
13 cational Land-Grant Status Act of 1994 (Public
14 Law 103–382; 7 U.S.C. 301 note) (commonly
15 known as “financial assistance, technical assist-
16 ance, and endowments to tribal colleges and
17 Navajo Community College”).

18 (C) The program established under section
19 536 of the Equity in Educational Land-Grant
20 Status Act of 1994 (Public Law 103–382; 7
21 U.S.C. 301 note) providing research grants for
22 1994 institutions.

23 (D) Each program established under sub-
24 sections (b), (c), and (d) of section 3 of the
25 Smith-Lever Act (7 U.S.C. 343).

1 (E) Each program established under the
2 Hatch Act of 1887 (7 U.S.C. 361a et seq.).

3 (F) Each grant program established under
4 section 2501 of the Food, Agriculture, Con-
5 servation, and Trade Act of 1990 (7 U.S.C.
6 2279) providing outreach and assistance for so-
7 cially disadvantaged farmers and ranchers.

8 (G) Each program established under sec-
9 tion 1417(b)(4) of the National Agricultural
10 Research, Extension, and Teaching Policy Act
11 of 1977 (7 U.S.C. 3152(b)(4)), including grant
12 programs under that section (commonly known
13 as the “1890 Institution Teaching and Re-
14 search Capacity Building Grants Program”).

15 (H) The animal health and disease re-
16 search program established under subtitle E of
17 the National Agricultural Research, Extension,
18 and Teaching Policy Act of 1977 (7 U.S.C.
19 3191 et seq.).

20 (I) Each extension program available to
21 1890 Institutions established under sections
22 1444 and 1464 of the National Agricultural Re-
23 search, Extension, and Teaching Policy Act of
24 1977 (7 U.S.C. 3221, 3312).

1 (J) The program established under section
2 1445 of the National Agricultural Research,
3 Extension, and Teaching Policy Act of 1977 (7
4 U.S.C. 3222) (commonly known as the “Evans-
5 Allen Program”).

6 (K) The program providing grants to up-
7 grade agricultural and food sciences facilities at
8 1890 Institutions established under section
9 1447 of the National Agricultural Research,
10 Extension, and Teaching Policy Act of 1977 (7
11 U.S.C. 3222b).

12 (L) The program providing distance edu-
13 cation grants for insular areas established
14 under section 1490 of the National Agricultural
15 Research, Extension, and Teaching Policy Act
16 of 1977 (7 U.S.C. 3362).

17 (M) The program providing resident in-
18 struction grants for insular areas established
19 under section 1491 of the National Agricultural
20 Research, Extension, and Teaching Policy Act
21 of 1977 (7 U.S.C. 3363).

22 (N) Each program available to 1890 Insti-
23 tutions established under section 406 of the Ag-
24 ricultural Research, Extension, and Education
25 Reform Act of 1998 (7 U.S.C. 7626).

1 (O) The program providing competitive ex-
2 tension grants to eligible 1994 Institutions
3 under section 1464 of National Agricultural Re-
4 search, Extension, and Teaching Policy Act of
5 1977 (7 U.S.C. 3312) and the Equity in Edu-
6 cational Land-Grant Status Act of 1994 (Public
7 Law 103–382; 7 U.S.C. 301 note) established
8 under section 406 of the Agricultural Research,
9 Extension, and Education Reform Act of 1998
10 (7 U.S.C. 7626).

11 (P) Each research and development and
12 related program established under Public Law
13 87–788 (commonly known as the “McIntire-
14 Stennis Cooperative Forestry Act”) (16 U.S.C.
15 582a et seq.).

16 (Q) Each program established under the
17 Renewable Resources Extension Act of 1978
18 (16 U.S.C. 1671 et seq.).

19 (R) Each grant program for ASCARR In-
20 stitutions established under section 202.

21 (6) CAPACITY PROGRAM CRITICAL BASE FUND-
22 ING.—The term “capacity program critical base
23 funding” means the aggregate amount of Federal
24 funds made available for all or individual capacity
25 programs for fiscal year 2007, as appropriate.

1 (7) COMPETITIVE PROGRAM.—The term “com-
2 petitive program” means each of the following agri-
3 cultural research, extension, education, and related
4 programs for which the Secretary has administrative
5 or other authority as of the day before the date of
6 enactment of this Act:

7 (A) The competitive grant program estab-
8 lished under section 2 of the Competitive, Spe-
9 cial, and Facilities Research Grant Act (7
10 U.S.C. 450i), commonly known as the “Na-
11 tional Research Initiative Competitive Grants
12 Program”).

13 (B) The program providing grants and re-
14 lated assistance established under section
15 1417(b)(5) of the National Agricultural Re-
16 search, Extension, and Teaching Policy Act of
17 1977 (7 U.S.C. 3152(b)(5)) commonly known
18 as the “Higher Education Multicultural Schol-
19 ars Program”.

20 (C) The Food and Agricultural Sciences
21 grant program established under section 1417
22 of the National Agricultural Research, Exten-
23 sion, and Teaching Policy Act of 1977 (7
24 U.S.C. 3152), commonly known as the “Food

1 and Agricultural Sciences National Needs Grad-
2 uate Fellowship Grants Program”.

3 (D) The program providing grants under
4 section 1417(j) of the National Agricultural Re-
5 search, Extension, and Teaching Policy Act of
6 1977 (7 U.S.C. 3152(j)), commonly known as
7 “Institution Challenge Grants”.

8 (E) The program providing grants for His-
9 panic-serving institutions established under sec-
10 tion 1455 of the National Agricultural Re-
11 search, Extension, and Teaching Policy Act of
12 1977 (7 U.S.C. 3241).

13 (F) The Initiative for Future Agriculture
14 and Food Systems established under section
15 401 of the Agricultural Research, Extension,
16 and Education Reform Act of 1998 (7 U.S.C.
17 7621) or any substantially similar program or
18 authority.

19 (G) The integrated research, education,
20 and extension competitive grants program es-
21 tablished under section 406 of the Agricultural
22 Research, Extension, and Education Reform
23 Act of 1998 (7 U.S.C. 7626).

24 (8) COMPETITIVE PROGRAM CRITICAL BASE
25 FUNDING.—The term “competitive program critical

1 base funding” means the aggregate amount of Fed-
2 eral funds made available for all or individual com-
3 petitive programs for fiscal year 2007, as appro-
4 priate.

5 (9) COUNCIL.—The term “Council” means The
6 National Agriculture, Research, Extension, Edu-
7 cation, and Economics Advisory Board.

8 (10) DEPARTMENT.—The term “Department”
9 means the Department of Agriculture.

10 (11) DIRECTOR.—The term “Director” means
11 the Director of the National Institutes for Food and
12 Agriculture.

13 (12) EXTRAMURAL ACTIVITY.—The term “ex-
14 tramural activity” includes each program and re-
15 lated activity administered or otherwise carried out
16 by the entities or under an authority described in
17 paragraph (5).

18 (13) FUNDAMENTAL RESEARCH.—The term
19 “fundamental research” means research that, as de-
20 termined by the Director—

21 (A) advances the frontiers of knowledge so
22 as to lead to practical results or to further sci-
23 entific discovery; and

24 (B) has an effect on—

- 1 (i) agriculture, food, forestry, human
2 health, or another purpose of this Act;
- 3 (ii) a priority area of the National In-
4 stitutes for Food and Agriculture; or
- 5 (iii) another goal or purpose of a Na-
6 tional Institutes for Food and Agriculture
7 program.

8 (14) INSULAR AREA INSTITUTION.—The term
9 “Insular Area Institution” has the meaning given
10 the term “eligible institution” in section 1489 of the
11 National Agricultural Research, Extension, and
12 Teaching Policy Act of 1977 (7 U.S.C. 3361).

13 (15) NATIONAL INSTITUTES FOR FOOD AND AG-
14 RICULTURE.—The term “National Institutes for
15 Food and Agriculture” means the National Insti-
16 tutes for Food and Agriculture established under
17 section 101.

18 (16) NATIONAL INSTITUTES FOR FOOD AND AG-
19 RICULTURE PROGRAM.—The term “National Insti-
20 tutes for Food and Agriculture program” includes
21 each capacity program, competitive program, and
22 any other program, authority, power, or activity of
23 the National Institutes for Food and Agriculture, in-
24 cluding those described in section 101.

1 (17) SECRETARY.—The term “Secretary”
2 means the Secretary of Agriculture.

3 (18) SMALL 1862 LAND-GRANT INSTITUTIONS.—
4 The term “Small 1862 Land-Grant Institution”
5 means each 1862 institution that received, for the 3
6 fiscal years immediately preceding the applicable fis-
7 cal year (based on a 3-year rolling average), less
8 than 1 percent of—

9 (A) in the case of a fiscal year beginning
10 before the date of the enactment of this Act
11 and the implementation of the National Insti-
12 tutes for Food and Agriculture programs (as
13 determined by the Director), the funds received
14 by each such institution from among available
15 programs of the Cooperative State Research,
16 Education, and Extension Service; and

17 (B) in the case of a fiscal year beginning
18 after the date of the enactment of this Act and
19 the implementation of the National Institutes
20 for Food and Agriculture programs (as deter-
21 mined by the Director), the funds received by
22 each such institution from among available Na-
23 tional Institutes for Food and Agriculture pro-
24 grams, other than funds reserved or distributed

1 under paragraph (2)(B)(ii)(I), (2)(C)(ii)(I), or
2 (3)(A)(ii) of section 105(c).

3 (19) STATE.—The term “State” means—

4 (A) each of the several States of the
5 United States;

6 (B) the Commonwealth of Puerto Rico;

7 (C) Guam;

8 (D) American Samoa;

9 (E) the Commonwealth of the Northern
10 Mariana Islands;

11 (F) the Federated States of Micronesia;

12 (G) the Republic of the Marshall Islands;

13 and

14 (H) the United States Virgin Islands.

15 (20) UNITED STATES.—The term “United
16 States”, when used in a geographical sense, means
17 all of the States.

18 **TITLE I—NATIONAL INSTITUTES**

19 **FOR FOOD AND AGRICULTURE**

20 **SEC. 101. ESTABLISHMENT OF NATIONAL INSTITUTES FOR** 21 **FOOD AND AGRICULTURE.**

22 (a) ESTABLISHMENT.—

23 (1) IN GENERAL.—There is established within
24 the Department an agency to be known as the “Na-
25 tional Institutes for Food and Agriculture”.

1 (2) MEMBERS.—The National Institutes for
2 Food and Agriculture shall consist of—

3 (A) the Director;

4 (B) the Council;

5 (C) the individual institutes established
6 under section 103; and

7 (D) the staff and employees of National
8 Institutes for Food and Agriculture.

9 (b) AUTHORITIES.—

10 (1) TRANSFER OF AUTHORITIES.—There are
11 transferred to National Institutes for Food and Ag-
12 riculture the authorities (including all budget au-
13 thorities and personnel), duties, obligations, and re-
14 lated legal and administrative functions prescribed
15 by law or otherwise granted to the Secretary, the
16 Department, or any other agency or official of the
17 Department under—

18 (A) the capacity programs;

19 (B) the competitive programs;

20 (C) the research, education, economic, co-
21 operative State research programs, cooperative
22 extension and education programs, international
23 programs, and other functions and authorities
24 delegated by the Secretary to—

1 (i) the Under Secretary of Agriculture
2 for Research, Education, and Economics
3 (including under section 251 of the Fed-
4 eral Crop Insurance Reform and Depart-
5 ment of Agriculture Reorganization Act of
6 1994 (7 U.S.C. 6971)); and

7 (ii) the Administrator of the Coopera-
8 tive State Research, Education, and exten-
9 sion Service pursuant to section 2.66 of
10 title 7, Code of Federal Regulations (or
11 successor regulations); and

12 (D) any and all other authorities adminis-
13 tered by—

14 (i) the Under Secretary of Agriculture
15 for Research, Education, and Economics;
16 and

17 (ii) the Administrator of the Coopera-
18 tive State Research, Education, and Exten-
19 sion Service.

20 (2) CONSOLIDATION OF AUTHORITIES.—To
21 carry out this Act, in accordance with the transfer
22 and continuation of the authorities, budgetary func-
23 tions, and personnel resources under this subsection,
24 the administrative entity within the Department
25 known as the Cooperative State Research, Edu-

1 cation, and Extension Services, shall terminate on
2 the earlier of—

3 (A) October 1, 2008; or

4 (B) such earlier date as the Director deter-
5 mines to be appropriate.

6 (3) RESERVATION.—Notwithstanding any other
7 provision of this Act, any and all administrative au-
8 thority over the functions and activities of the Na-
9 tional Agricultural Statistics Service, consistent with
10 those authorities, functions, and activities as in ef-
11 fect on the day before the date of enactment of this
12 Act, shall remain under the authority of the Sec-
13 retary.

14 (c) POWERS.—The Director may—

15 (1) promulgate such regulations as the Director
16 determines to be necessary to govern the operations,
17 organization, and personnel of the National Insti-
18 tutes for Food and Agriculture;

19 (2) make such expenditures as are necessary to
20 carry out this Act;

21 (3) enter into contracts or other arrangements,
22 or modifications of contracts or other arrange-
23 ments—

24 (A) to provide for the carrying out, by or-
25 ganizations or individuals in the United States

1 (including agencies of the Department and
2 other Government agencies) of such National
3 Institutes for Food and Agriculture programs
4 as the Director determines to be necessary to
5 carry out this Act; and

6 (B) at the request of the President or the
7 Secretary, for the carrying out of such specific
8 National Institutes for Food and Agriculture
9 program-related activities as are in the national
10 interest or are otherwise of critical importance,
11 as determined by the President or the Sec-
12 retary, with the concurrence of the Director;

13 (4) make advance, progress, and other pay-
14 ments relating to National Institutes for Food and
15 Agriculture programs without regard to the sub-
16 sections (a) and (b) of section 3324 of title 31,
17 United States Code;

18 (5) acquire by purchase, lease, loan, gift, or
19 condemnation, and hold and dispose of by grant,
20 sale, lease, or loan, real and personal property of all
21 kinds necessary for, or resulting from, the exercise
22 of authority under this Act;

23 (6) receive and use donated funds, if the funds
24 are donated without restriction other than that the
25 funds be used in furtherance of National Institutes

1 for Food and Agriculture programs or 1 or more of
2 the purposes of this Act;

3 (7) publish or arrange for the publication of in-
4 formation so as to further the full dissemination of
5 information of value consistent with the purposes of
6 this Act and the national interest, without regard to
7 section 501 of title 44, United States Code;

8 (8) accept and use the services of voluntary and
9 uncompensated personnel, and provide such trans-
10 portation and subsistence as are authorized by sec-
11 tion 5703 of title 5, United States Code, for persons
12 serving without compensation;

13 (9) prescribe, with the approval of the Comp-
14 troller General of the United States, the extent to
15 which vouchers for funds expended under contracts
16 for authorized activities shall be subject to
17 itemization or substantiation prior to payment, with-
18 out regard to the limitations of other laws relating
19 to the expenditure and accounting of public funds;
20 and

21 (10) arrange with and reimburse the Secretary
22 and the heads of other Federal agencies for the per-
23 formance of any activity that the National Institutes
24 for Food and Agriculture is authorized to conduct.

1 (d) CONSULTATION.—The Director shall consult with
2 the Secretary on an ongoing basis to ensure that the na-
3 tional interest is being served by the administration of the
4 National Institutes for Food and Agriculture, National In-
5 stitutes for Food and Agriculture programs, and other au-
6 thorities provided under this Act.

7 (e) REPORTING.—Not later than December 31, 2007,
8 and biennially thereafter, the Director shall submit to the
9 Secretary, the Committee on Agriculture of the House of
10 Representatives, the Committee on Agriculture, Nutrition,
11 and Forestry of the Senate, the Committee on Appropria-
12 tions of the House of Representatives, and the Committee
13 on Appropriations of the Senate a comprehensive report
14 that describes the National Institutes for Food and Agri-
15 culture programs and related activities funded, initially
16 implemented, and otherwise carried out by the National
17 Institutes for Food and Agriculture during the period cov-
18 ered by the report.

19 **SEC. 102. OFFICES; ADMINISTRATION.**

20 (a) LOCATION.—The National Institutes for Food
21 and Agriculture shall be located in Washington, District
22 of Columbia.

23 (b) DIRECTOR.—

24 (1) APPOINTMENT.—

25 (A) IN GENERAL.—The Director shall be—

1 (i) a distinguished expert in 1 or more
2 National Institutes for Food and Agri-
3 culture programs (or issues addressed by
4 or fields relating to those programs); and

5 (ii) appointed by the President, by
6 and with the advice and consent of the
7 Senate.

8 (B) RECOMMENDATIONS.—Before any per-
9 son is appointed as Director, the President
10 shall afford the Council an opportunity to make
11 recommendations to the President with respect
12 to the appointment.

13 (C) RATE OF PAY.—The Director shall re-
14 ceive basic pay at the rate provided for level IV
15 of the Executive Schedule under section 5513
16 of title 5, United States Code.

17 (2) TERM.—The Director shall serve for a sin-
18 gle, 6-year term.

19 (3) AUTHORITY.—Except as may be otherwise
20 provided in this Act—

21 (A) the Director shall—

22 (i) exercise all of the authority grant-
23 ed to the National Institutes for Food and
24 Agriculture by this Act;

1 (ii) in consultation with the Council,
2 formulate programs in accordance with
3 policies adopted by the National Institutes
4 for Food and Agriculture;

5 (iii) establish committees and offices
6 within the National Institutes for Food
7 and Agriculture, as appropriate;

8 (iv) establish procedures for the provi-
9 sion and administration of capacity pro-
10 gram funding and competitive program
11 grants by the National Institutes for Food
12 and Agriculture in accordance with this
13 Act and other applicable law;

14 (v) establish procedures for the peer
15 or merit review of National Institutes for
16 Food and Agriculture program activities in
17 accordance with this Act and other applica-
18 ble law, as appropriate;

19 (vi) assess the personnel needs of re-
20 search, education, extension, and other
21 fields in the areas supported by National
22 Institutes for Food and Agriculture pro-
23 grams; and

24 (vii) cooperate with the Council to
25 plan programs that assist in meeting the

1 future personnel needs of disciplines and
2 activities in the areas supported by Na-
3 tional Institutes for Food and Agriculture
4 programs, including portable fellowship
5 and training programs, as applicable; and

6 (B) all actions taken by the Director pur-
7 suant to this Act shall be final and binding
8 upon the National Institutes for Food and Agri-
9 culture.

10 (4) DELEGATION AND REDELEGATION OF
11 FUNCTIONS.—The Director may, from time to time,
12 establish such procedures as the Director determines
13 to be appropriate to authorize the performance by
14 any other officer, agency, or employee of the Na-
15 tional Institutes for Food and Agriculture of any of
16 the functions of the Director under this Act.

17 (5) FORMULATION OF PROGRAMS.—The formu-
18 lation of programs in accordance with the policies of
19 the National Institutes for Food and Agriculture
20 shall be carried out by the Director, in consultation
21 with the Council.

22 (6) AUTHORITY TO GRANT AND CONTRACT.—
23 The Director may make grants and enter into con-
24 tracts and other arrangements pursuant to this Act
25 and other applicable law.

1 (7) STATUS; POWER TO VOTE AND HOLD OF-
2 FICE.—

3 (A) IN GENERAL.—The Director shall—

4 (i) serve as a voting ex officio member
5 of the Council; and

6 (ii) except with respect to compensa-
7 tion and tenure, serve in a manner com-
8 mensurate with the other members of the
9 Council.

10 (B) ELECTION.—The Director shall be eli-
11 gible for election by the Council as Chairperson
12 or Vice Chairperson of the Council.

13 (c) STAFF APPOINTMENT.—The Director shall, in ac-
14 cordance with such policies as the Council may from time
15 to time establish, recruit, hire, prescribe, appoint, and fix
16 the compensation of such personnel as are necessary to
17 carry out this Act, including the appointment, for a lim-
18 ited term or on a temporary basis, of appropriate—

19 (1) scientific and other expert and accomplished
20 staff; and

21 (2) other technical and professional personnel
22 on leave of absence from academic, industrial, or re-
23 search institutions.

24 (d) ROTATING CREDENTIALLED STAFF.—

1 (1) IN GENERAL.—The Director shall be as-
2 sisted by an appropriately-credentialed staff of ex-
3 perts in—

4 (A) National Institutes for Food and Agri-
5 culture programs; and

6 (B) issues addressed by, and fields relating
7 to, those programs.

8 (2) REQUIREMENTS.—Credentialed staff mem-
9 bers described in paragraph (1) shall be—

10 (A) recruited from the community of Na-
11 tional Institutes for Food and Agriculture pro-
12 grams or related fields; and

13 (B) appointed by the Director to serve on
14 the basis of 4-year rotating appointments.

15 (e) TEMPORARY STAFF.—Staff hired by the Director
16 under this section may include researchers, scientists, and
17 other credentialed, technical, or professional personnel
18 hired for limited terms, or on temporary bases, including
19 individuals on leave of absence from academic, industry,
20 research, science, or other institutions.

21 (f) VOLUNTEERS.—

22 (1) IN GENERAL.—The Director may accept the
23 services of voluntary, uncompensated personnel, on
24 appropriate terms and conditions and in accordance
25 with other applicable law.

1 (2) FREEDOM FROM LIABILITY.—Voluntary
2 personnel described in paragraph (1) shall be held
3 free from liability in accordance with the Volunteer
4 Protection Act of 1997 (42 U.S.C. 14501 et seq.).

5 (g) TRANSFER OF FUNDS FROM OTHER GOVERN-
6 MENT DEPARTMENTS OR AGENCIES.—

7 (1) IN GENERAL.—Funds available to the De-
8 partment, or any other department or agency of the
9 Federal Government for activities that are analogous
10 to, or could contribute to the purposes or goals of,
11 National Institutes for Food and Agriculture pro-
12 grams, other relevant research, extension, or edu-
13 cation programs, or related or other relevant activi-
14 ties, shall be available for transfer, in whole or in
15 part, to the National Institutes for Food and Agri-
16 culture, with the approval of the Secretary or the
17 head of the other appropriate department or agency
18 transferring the funds, for such use as is consistent
19 with the purposes for which the funds were initially
20 made available.

21 (2) USE OF FUNDS.—Funds transferred under
22 paragraph (1) shall be expendable by the National
23 Institutes for Food and Agriculture for the purposes
24 for which the transfer was made.

25 (h) THE COUNCIL.—

1 (1) DUTIES.—

2 (A) IN GENERAL.—The Council shall assist
3 the Director in—

4 (i) establishing priorities of the Na-
5 tional Institutes for Food and Agriculture;
6 and

7 (ii) reviewing, judging, and maintain-
8 ing the relevance of National Institutes for
9 Food and Agriculture programs.

10 (B) OVERSIGHT REVIEW.—To ensure that
11 the purposes of this Act and the needs of the
12 United States are being met, the Council shall
13 conduct an annual oversight review of—

14 (i) the administration of the National
15 Institutes for Food and Agriculture;

16 (ii) activities funded through the ca-
17 pacity programs;

18 (iii) proposals and other activities
19 funded through the competitive programs;
20 and

21 (iv) other activities of the National In-
22 stitutes for Food and Agriculture.

23 (2) MEETINGS.—

24 (A) IN GENERAL.—The Council shall hold
25 periodic meetings to provide an interface be-

1 tween the Council and stakeholders, and to en-
2 sure that the National Institutes for Food and
3 Agriculture is linking national goals with real-
4 istic opportunities.

5 (B) FREQUENCY.—Meetings described in
6 subparagraph (A) shall be held at the call of
7 the Director, or at the joint call of the Director
8 and the Secretary, but not less often than twice
9 annually.

10 (3) LIMITATION.—The expenses of the Council
11 paid by the Director under subparagraph (A) shall
12 not be counted toward any general limitation on the
13 expenses of advisory committees, panels, commis-
14 sions, or task forces of the Department contained in
15 any Act making appropriations for the Department,
16 whether enacted before, on, or after the date of en-
17 actment of this Act, unless the Act of appropriation
18 specifically—

19 (A) refers to this paragraph; and

20 (B) includes the Council within the general
21 limitation.

22 **SEC. 103. ORGANIZATION OF NATIONAL INSTITUTES FOR**
23 **FOOD AND AGRICULTURE.**

24 (a) ORGANIZATION.—

1 (1) IN GENERAL.—The Director shall organize
2 the National Institutes for Food and Agriculture
3 into 6 institutes (referred to in this section as “indi-
4 vidual institutes”) to administer the programs and
5 activities of the National Institutes for Food and
6 Agriculture in an integrated, multidisciplinary, inter-
7 disciplinary, transdisciplinary, interagency, and
8 inter-institutional manner, to the maximum extent
9 practicable.

10 (2) INSTITUTES.—The individual institutes
11 shall be the following:

12 (A) The Institute for Economic Opportuni-
13 ties in Agriculture and Natural Resources.

14 (B) The Institute for Nutrition and
15 Health.

16 (C) The Institute for Rural and Urban
17 Community Development.

18 (D) The Institute for Natural Resources
19 and Environment.

20 (E) The Institute for Food Safety and Ag-
21 ricultural Security.

22 (F) The Institute for Families, Youth, and
23 Communities.

24 (3) ADMINISTRATION.—

1 (A) IN GENERAL.—The Director, in con-
2 junction with the head of each individual insti-
3 tute, shall carry out National Institutes for
4 Food and Agriculture programs with the goal of
5 focusing those programs, and the participants,
6 grantees, and other stakeholders of those pro-
7 grams on—

8 (i) understanding important problem
9 areas and opportunities relating to a pro-
10 gram;

11 (ii) discovering and implementing so-
12 lutions to address those problem areas; and

13 (iii) exploring other opportunities pro-
14 vided under the programs.

15 (B) STAKEHOLDER INPUT.—The Director,
16 in consultation with the Secretary, the Council,
17 and the head of each individual institute, shall
18 solicit input from appropriate participants,
19 grantees, and other stakeholders of the pro-
20 grams and activities of the National Institutes
21 for Food and Agriculture relating to the prob-
22 lem areas, opportunity areas, solution areas,
23 and Institute programs and related activities
24 carried out by the National Institutes for Food
25 and Agriculture.

1 (4) MODIFICATION OF ORGANIZATION.—Begin-
2 ning on October 1 of the fifth full fiscal year begin-
3 ning after the date of enactment of this Act, the Di-
4 rector, in consultation with the Secretary and the
5 Council, may include in a report required under sec-
6 tion 101(e) any recommendation of the Director
7 with respect to the organization of the National In-
8 stitutes for Food and Agriculture or the individual
9 institutes, as the Director determines to be in the
10 best interest of the United States.

11 (b) PROGRAM INTEGRATION AND COORDINATION.—

12 (1) IN GENERAL.—In accordance with applica-
13 ble law (including regulations), the Director, in co-
14 ordination with the head of each individual institute
15 and taking into consideration the advice of the
16 Council, shall ensure, to the maximum extent prac-
17 ticable, that National Institutes for Food and Agri-
18 culture programs are administered, funded, and car-
19 ried out—

20 (A) in an integrated, multidisciplinary,
21 interdisciplinary, transdisciplinary, interagency,
22 and inter-institutional manner that ensures—

23 (i) the most efficient collaborative use
24 of resources; and

1 (ii) the focus of all resources and ac-
2 tivities on strategic, priority, problem, op-
3 portunity, and solution areas identified by
4 the Director and the head of each applica-
5 ble individual institute, taking into consid-
6 eration the advice of the Council;

7 (B) among applicable participants, grant-
8 ees, and stakeholders, in a coordinated manner
9 that encourages and ensures—

10 (i) the most efficient collaborative ap-
11 plication of resources; and

12 (ii) the focus of all resources and ac-
13 tivities on strategic, priority, problem, op-
14 portunity, and solution areas on a local,
15 State, Indian tribal, regional, national, and
16 international basis, as the Director and the
17 head of each applicable individual institute,
18 taking into consideration the advice of the
19 Council, determine to be appropriate.

20 (2) SCOPE.—The Director, in consultation with
21 the Secretary and the Council, shall ensure, through
22 the integration and coordination under paragraph
23 (1), that opportunities are maximized with respect
24 to—

1 (A) the use of appropriate authorities,
2 agencies, institutions, disciplines, and activities
3 of the National Institutes for Food and Agri-
4 culture; and

5 (B) the inclusion of appropriate partici-
6 pants and other stakeholders in those activities,
7 including extramural, government, university,
8 extension, international, and other appropriate
9 stakeholders, as determined by the Director.

10 (c) MATCHING AND LEVERAGING OF SCARCE BUDG-
11 ET RESOURCES.—The National Institutes for Food and
12 Agriculture and the Director shall provide for the match-
13 ing and leveraging of National Institutes for Food and Ag-
14 riculture resources by extramural activity program partici-
15 pants and recipients—

16 (1) in accordance with applicable law governing
17 the applicable capacity program, competitive pro-
18 gram, or other authority or activity; or

19 (2) if not otherwise provided for by law, as the
20 Director, in consultation with the Council, deter-
21 mines to be appropriate, taking into consideration—

22 (A) the ability of the participating or re-
23 cipient institutions or entities to provide match-
24 ing funds; and

1 (B) the treatment of the institutions or en-
2 tities with respect to matching fund and similar
3 requirements under other authorities.

4 (d) FUNDING ADMINISTRATION.—

5 (1) CAPACITY PROGRAMS.—In accordance with
6 other applicable law, in providing program funding
7 to a particular institution or entity, the Director
8 shall develop, in consultation with the Council, and
9 implement, a streamlined plan of work or adminis-
10 trative model designed to simplify, to the maximum
11 extent practicable, the administration, funding, and
12 oversight of capacity programs.

13 (2) COMPETITIVE PROGRAMS.—In accordance
14 with other applicable law, in making determinations
15 regarding whether to provide program funding to a
16 particular institution, entity, or applicant (as appli-
17 cable), the Director shall, whenever practicable, im-
18 plement an administrative model designed to stream-
19 line and simplify, to the maximum extent prac-
20 ticable, the application (as applicable), administra-
21 tion, funding, and oversight process.

22 **SEC. 104. FUNDING.**

23 (a) PRESERVATION OF CRITICAL BASE FUNDING.—
24 Notwithstanding any other provision of law, funds pro-
25 vided to National Institutes for Food and Agriculture pro-

1 grams shall be allocated and distributed in accordance
2 with subsection (b).

3 (b) DISTRIBUTION OF FUNDS.—

4 (1) PRIORITY FOR CRITICAL BASE FUNDS.—In
5 distributing funds to carry out capacity programs
6 and competitive programs during a fiscal year, the
7 Director shall—

8 (A) first, use funds made available in an
9 amount less than or equal to the capacity pro-
10 gram critical base funding level only to carry
11 out capacity programs, in accordance with para-
12 graph (2); and

13 (B) after funds equal to the capacity pro-
14 gram critical base funding level have been allo-
15 cated for capacity programs for the fiscal year,
16 use any funds made available only to carry out
17 competitive programs, until funds are allocated
18 in an amount equal to the competitive program
19 critical base funding level.

20 (2) PROPORTIONAL FUNDING OF CAPACITY
21 PROGRAMS.—The Director shall apportion funds dis-
22 tributed under paragraph (1)(A) in accordance with
23 the proportion that—

24 (A) the amount received by each applicable
25 capacity program for fiscal year 2007; bears to

1 (B) the total amount made available for all
2 capacity programs for fiscal year 2007.

3 (3) OTHER THAN CRITICAL BASE FUNDS.—In
4 distributing funds to carry out capacity programs
5 and competitive programs during a fiscal year, the
6 Director shall use in accordance with section
7 105(c)—

8 (A) amounts made available in excess of
9 the sum of the capacity program critical base
10 funding level and the competitive program crit-
11 ical base funding level; and

12 (B) amounts made available pursuant to
13 section 105(a).

14 **SEC. 105. ENHANCED FUNDING.**

15 (a) CONTINUATION OF MANDATORY FUNDING.—

16 (1) IN GENERAL.—Beginning on October 1,
17 2007, and each October 1 thereafter, the Secretary
18 shall transfer to the Director \$200,000,000 of funds
19 of the Commodity Credit Corporation to carry out
20 this Act.

21 (2) BUDGETARY OFFSET.—Section 401(b)(3) of
22 the Agricultural Research, Extension, and Education
23 Reform Act of 1998 (7 U.S.C. 7621(b)(3)) is
24 amended—

1 (A) in subparagraph (B), by adding “and”
2 at the end;

3 (B) in subparagraph (C), by striking “;
4 and” at the end and inserting a period; and

5 (C) by striking subparagraph (D).

6 (b) INCREASING CURRENTLY AUTHORIZED FUND-
7 ING.—Notwithstanding any other provision of law, except
8 as otherwise provided in this section, there are authorized
9 to be appropriated to the Director to carry out programs
10 of the National Institutes for Food and Agriculture under
11 this Act amounts equal to a level of the authorized funding
12 for each such program as in effect on the day before the
13 date of enactment of this Act, to be phased in as follows:

14 (1) For fiscal year 2008, 120 percent of the
15 level.

16 (2) For fiscal year 2009, 140 percent of the
17 level.

18 (3) For fiscal year 2010, 160 percent of the
19 level.

20 (4) For fiscal year 2011, 180 percent of the
21 level.

22 (5) For fiscal year 2012 and thereafter, 200
23 percent of the level.

24 (c) DISTRIBUTION OF ENHANCED FUNDING.—

1 (1) IN GENERAL.—Any funds made available
2 for a fiscal year for the National Institutes for Food
3 and Agriculture shall be distributed in accordance
4 with this subsection, if the funds are provided—

5 (A) under subsection (a)(1); or

6 (B) under any other authority under this
7 or any other Act in excess of an amount equal
8 to the sum of the capacity program critical base
9 funding level and the competitive program crit-
10 ical base funding level.

11 (2) ENHANCED COMPETITIVE PROGRAM FUND-
12 ING.—

13 (A) IN GENERAL.—The Director shall use
14 70 percent of amounts described in paragraph
15 (1) to carry out competitive programs, of
16 which—

17 (i) 55 percent shall be used to carry
18 out fundamental research activities in ac-
19 cordance with subparagraph (B); and

20 (ii) 45 percent shall be used to carry
21 out competitive research activities other
22 than fundamental research activities in ac-
23 cordance with subparagraph (C), includ-
24 ing—

1 (I) integrated programs and re-
2 lated activities;

3 (II) applied research and related
4 activities;

5 (III) translational research and
6 related activities;

7 (IV) activities substantially simi-
8 lar to activities carried out pursuant
9 to the Initiative for Future Agri-
10 culture and Food Systems under sec-
11 tion 401 of the Agricultural Research,
12 Extension, and Education Reform Act
13 of 1998 (7 U.S.C. 7621), as in effect
14 on the day before the date of enact-
15 ment of this Act; and

16 (V) education and extension pro-
17 grams and activities (including grants
18 for outreach, research, or education).

19 (B) FUNDAMENTAL RESEARCH ACTIVI-
20 TIES.—

21 (i) OPEN FUNDAMENTAL RESEARCH
22 POOL.—The Director shall allocate not less
23 than 80 percent of amounts described in
24 subparagraph (A)(i) to eligible applicants

1 on a competitive basis, including applicants
2 representing—

3 (I) colleges, universities, and
4 other institutions of higher education;
5 and

6 (II) other individuals and entities
7 eligible to receive funding under the
8 National Research Initiative.

9 (ii) RESERVATION AND REVERSION.—

10 (I) IN GENERAL.—The Director
11 shall reserve 20 percent of amounts
12 described in subparagraph (A)(i) for
13 allocation to 1890 Institutions, 1994
14 Institutions, Insular Area Institutions,
15 and Small 1862 Land-Grant Institu-
16 tions on a competitive basis, subject
17 to—

18 (aa) applicable peer and
19 merit review requirements of
20 Federal law (including regula-
21 tions); and

22 (bb) such other peer and
23 merit review requirements as the
24 Director determines to be appro-
25 priate.

1 (II) REVERSION OF UNUSED RE-
2 SERVED FUNDS.—Any amounts re-
3 served under subclause (I) that are
4 not allocated to institutions under
5 that subclause by the end of the 2-
6 year period following October 1 of the
7 fiscal year for which the amounts are
8 first made available shall be allocated
9 to open fundamental research pool ap-
10 plicants on a competitive basis in ac-
11 cordance with clause (i).

12 (C) OTHER RESEARCH ACTIVITIES.—

13 (i) OPEN INTEGRATED RESEARCH
14 POOL.—The Director shall allocate not less
15 than 80 percent of amounts described in
16 subparagraph (A)(ii) to eligible applicants
17 on a competitive basis, including applicants
18 representing—

19 (I) colleges, universities, and
20 other institutions of higher education;
21 and

22 (II) other individuals and entities
23 eligible to receive funding under the
24 National Research Initiative.

25 (ii) RESERVATION AND REVERSION.—

1 (I) IN GENERAL.—The Director
2 shall reserve 20 percent of amounts
3 described in subparagraph (A)(ii) for
4 allocation to 1890 Institutions, 1994
5 Institutions, Insular Area Institutions,
6 and Small 1862 Land-Grant Institu-
7 tions on a competitive basis, subject
8 to—

9 (aa) applicable peer and
10 merit review requirements of
11 Federal law (including regula-
12 tions); and

13 (bb) such other peer and
14 merit review requirements as the
15 Director determines to be appro-
16 priate.

17 (II) REVERSION OF UNUSED RE-
18 SERVED FUNDS.—Any amounts re-
19 served under subclause (I) that are
20 not allocated to institutions under
21 that subclause by the end of the 2-
22 year period following October 1 of the
23 fiscal year for which the amounts are
24 first made available shall be allocated
25 to open integrated research pool appli-

1 cants on a competitive basis in accord-
2 ance with clause (i).

3 (D) EDUCATION AND EXTENSION INTE-
4 GRATION.—The Director shall integrate into
5 competitive programs of the National Institutes
6 for Food and Agriculture national and global
7 educational and extension initiatives, to the
8 maximum extent practicable.

9 (E) INDIRECT COSTS.—

10 (i) IN GENERAL.—Except as provided
11 in clause (ii), the Director shall provide for
12 the payment of allowable indirect costs as-
13 sociated with competitive programs of the
14 National Institutes for Food and Agri-
15 culture in accordance with section 1462 of
16 the National Agricultural Research, Exten-
17 sion, and Teaching Policy Act of 1977 (7
18 U.S.C. 3310).

19 (ii) EXCEPTION.—For each of fiscal
20 years 2008 through 2012, the Director
21 shall ensure that allowable indirect costs,
22 associated with competitive programs of
23 the National Institutes for Food and Agri-
24 culture that are funded under section
25 104(b)(1)(B), shall not be paid at a rate

1 that exceeds the levels generally provided
2 for those competitive programs for fiscal
3 year 2007.

4 (3) ENHANCED CAPACITY PROGRAM FUND-
5 ING.—The Director shall use 30 percent of amounts
6 described in paragraph (1) to carry out capacity pro-
7 grams, of which—

8 (A) for each of fiscal years 2008 through
9 2012—

10 (i) 77.5 percent shall be allocated to
11 capacity programs in accordance with the
12 proportion that—

13 (I) the amount received by the
14 applicable capacity program during
15 fiscal year 2007; bears to

16 (II) the total amount made avail-
17 able for all capacity programs for fis-
18 cal year 2007; and

19 (ii) 17.5 percent shall be allocated to
20 1890 Institutions, 1994 Institutions, Insu-
21 lar Area Institutions, Small 1862 Land-
22 Grant Institutions, and ASCARR Institu-
23 tions for institutional enhancement capae-
24 ity programs, of which—

1 (I) 36 percent shall be for 1890
2 Institutions;

3 (II) 26 percent shall be for 1994
4 Institutions, except that an amount
5 from that 26 percent shall be allo-
6 cated to Insular Area Institutions in
7 accordance with the proportion that—

8 (aa) the amount received by
9 the applicable Institution during
10 fiscal year 2007; bears to

11 (bb) the total amount made
12 available for all 1890 Institu-
13 tions, 1994 Institutions, Insular
14 Area Institutions, Small 1862
15 Land-Grant Institutions, and
16 ASCARR Institutions for fiscal
17 year 2007;

18 (III) 26 percent shall be for
19 Small 1862 Land-Grant Institutions;
20 and

21 (IV) 12 percent shall be for
22 ASCARR Institutions; and

23 (B) 5 percent shall be deposited into the
24 enhancement fund of the National Institutes for
25 Food and Agriculture to fund capacity invest-

1 ments that are consistent with capacity pro-
2 grams of the National Institutes for Food and
3 Agriculture, as determined by the Director, in
4 consultation with the Secretary and the Coun-
5 cil.

6 **SEC. 106. SINGLE BUDGET SUBMISSION.**

7 The President shall submit to Congress, together
8 with the annual budget submission of the President, a sin-
9 gle combined budget line item reflecting the total amount
10 requested by the President for funding for the National
11 Institutes for Food and Agriculture, including funding for
12 capacity programs, competitive programs, and other appli-
13 cable National Institutes for Food and Agriculture pro-
14 grams.

15 **SEC. 107. CAPACITY BUILDING GRANTS FOR ASCARR INSTI-**
16 **TUTIONS.**

17 (a) GRANT PROGRAM.—

18 (1) IN GENERAL.—The Secretary or the Direc-
19 tor, as appropriate, shall make grants to ASCARR
20 Institutions to assist the ASCARR Institutions in
21 maintaining and expanding the capacity of the
22 ASCARR Institutions to conduct education, re-
23 search, and outreach activities relating to—

24 (A) agriculture;

25 (B) renewable resources; and

1 (C) other similar disciplines.

2 (2) REQUIREMENTS.—The Secretary or the Di-
3 rector, as appropriate, shall make grants under this
4 section—

5 (A)(i) through a competitive application
6 process under which appropriate officials of
7 ASCARR Institutions may submit applications
8 in such form and manner as the Secretary or
9 the Director, as appropriate, may prescribe; or

10 (ii) through a noncompetitive application
11 process; and

12 (B) in such manner as to ensure geo-
13 graphic diversity with respect to the ASCARR
14 Institutions that are the subjects of the grants.

15 (3) USE OF FUNDS.—An ASCARR Institution
16 that receives a grant under subsection (a)(1) may
17 use the funds made available through the grant to
18 maintain and expand the capacity of the ASCARR
19 Institution—

20 (A) to successfully compete for funds from
21 Federal grants and other sources to carry out
22 educational, research, and outreach activities
23 that address priority concerns of national, re-
24 gional, State, and local interest;

1 (B) to disseminate information relating to
2 priority concerns to—

3 (i) interested members of the agri-
4 culture, renewable resources, and related
5 stakeholder communities;

6 (ii) the public; and

7 (iii) any other interested entity;

8 (C) to encourage members of the agri-
9 culture, renewable resources, and related stake-
10 holder communities to participate in priority
11 education, research, and outreach activities by
12 providing matching funding to leverage grant
13 funds; and

14 (D) through—

15 (i) the purchase or other acquisition
16 of equipment and other infrastructure (not
17 including the construction of new build-
18 ings);

19 (ii) the renovation of facilities;

20 (iii) the professional growth and devel-
21 opment of the faculty of the ASCARR In-
22 stitution; and

23 (iv) the development of human capital
24 (including through the use of graduate
25 assistantships).

1 (b) AUTHORIZATION OF APPROPRIATIONS.—There
2 are authorized to be appropriated to carry out this sec-
3 tion—

4 (1) \$5,000,000 for fiscal year 2008;

5 (2) \$8,000,000 for fiscal year 2009;

6 (3) \$10,000,000 for fiscal year 2010;

7 (4) \$13,000,000 for fiscal year 2011;

8 (5) \$17,000,000 for fiscal year 2012; and

9 (6) such sums as are necessary for fiscal year
10 2013 and each fiscal year thereafter.

11 **TITLE II—MODIFICATIONS**

12 **SEC. 201. MERIT REVIEW OF EXTENSION AND EDU-** 13 **CATIONAL GRANTS.**

14 Section 103 of the Agricultural Research, Extension,
15 and Education Reform Act of 1998 (7 U.S.C. 7613) is
16 amended in subsection (a), by striking paragraph (2) and
17 inserting the following:

18 “(2) MERIT REVIEW OF EXTENSION AND EDU-
19 CATION GRANTS.—The Secretary shall establish pro-
20 cedures that provide for merit review of each agri-
21 cultural extension or education grant administered,
22 on a competitive basis, by the National Institutes for
23 Food and Agriculture.”.

1 **SEC. 202. REPEAL PLAN OF WORK REQUIREMENTS.**

2 (a) EXTENSION AT 1890 LAND-GRANT COLLEGES.—

3 Section 1444(d) of the National Agricultural Research,
4 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
5 3221(d)) is amended—

6 (1) in paragraph (1), by striking the second
7 sentence; and

8 (2) by striking paragraphs (3) through (5).

9 (b) RESEARCH AT 1890 LAND-GRANT COLLEGES.—

10 Section 1445 of the National Agricultural Research, Ex-
11 tension, and Teaching Policy Act of 1977 (7 U.S.C. 3222)
12 is amended—

13 (1) by striking subsection (a) and inserting the
14 following:

15 “(a) AUTHORIZATION OF APPROPRIATIONS.—There
16 are authorized to be appropriated annually such sums as
17 Congress may determine necessary to support continuing
18 agricultural research at colleges eligible to receive funds
19 under the Act of August 30, 1890 (26 Stat. 417–419, as
20 amended; 7 U.S.C. 321–326 and 328), including Tuskegee
21 University (hereinafter referred to in this section as ‘eligi-
22 ble institutions’).”; and

23 (2) by striking subsection (c) and inserting the
24 following:

25 “(c) PROGRAM.—The director of the State agricul-
26 tural experiment station in each State in which an eligible

1 institution is located, and the research director specified
2 in subsection (d) in each of the eligible institutions in that
3 State, shall jointly develop, by mutual agreement, a com-
4 prehensive program of agricultural research in the State,
5 to be submitted for approval by the Secretary not later
6 than 1 year after the date of enactment of this title.”.

7 (c) HATCH ACT OF 1887.—

8 (1) CONFORMING AMENDMENTS.—Section 3 of
9 the Hatch Act of 1887 (7 U.S.C. 361c) is amend-
10 ed—

11 (A) by striking subsection (h) and insert-
12 ing the following:

13 “(h) PEER REVIEW AND PLAN OF WORK.—Research
14 carried out under subsection (c)(3) shall be subject to sci-
15 entific peer review. The review of a project conducted
16 under this paragraph shall be considered to satisfy the
17 merit review requirements of section 103(e) of the Agricul-
18 tural Research, Extension, and Education Reform Act of
19 1998.”; and

20 (B) in subsection (i)(2), by striking sub-
21 paragraph (D).

22 (2) REPEAL.—Section 7 of the Hatch Act of
23 1887 (7 U.S.C. 361g) is amended by striking sub-
24 sections (d) through (g).

25 (d) SMITH-LEVER ACT.—

1 (1) CONFORMING AMENDMENT.—Section
2 3(h)(2) of the Smith-Lever Act (7 U.S.C. 343(h)(2))
3 is amended by striking subparagraph (D).

4 (2) REPEAL.—Section 4 of the Smith-Lever Act
5 (7 U.S.C. 344) is amended by striking subsections
6 (c) through (e).

7 **SEC. 203. INDIRECT COSTS.**

8 Section 1462 of the National Agricultural Research,
9 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
10 3310) is amended by striking subsection (a) and inserting
11 the following:

12 “(a) IN GENERAL.—Except as otherwise provided in
13 law, and in accordance with the requirements under sec-
14 tion 105(c)(1)(E) of the CREATE-21 Act of 2007, indi-
15 rect costs charged against a competitive agricultural re-
16 search, education, or extension grant awarded under this
17 Act, the CREATE-21 Act of 2007, or any other Act pur-
18 suant to authority delegated to the Director of the Na-
19 tional Institutes for Food and Agriculture shall not exceed
20 the negotiated indirect rate of cost established for an insti-
21 tution by the appropriate Federal audit agency for the in-
22 stitution.”.

1 **TITLE III—EXTENSIONS**
2 **Subtitle A—National Agricultural**
3 **Research, Extension, and Teach-**
4 **ing Policy Act of 1977**

5 **SEC. 301. GRANTS AND FELLOWSHIPS FOR FOOD AND AGRI-**
6 **CULTURAL SCIENCES EDUCATION.**

7 Section 1417(*l*) of the National Agricultural Re-
8 search, Extension, and Teaching Policy Act of 1977 (7
9 U.S.C. 3152(*l*)) is amended by striking “2007” and in-
10 serting “2012”.

11 **SEC. 302. GRANTS FOR RESEARCH ON PRODUCTION AND**
12 **MARKETING OF ALCOHOLS AND INDUSTRIAL**
13 **HYDROCARBONS FROM AGRICULTURAL COM-**
14 **MODITIES AND FOREST PRODUCTS.**

15 Section 1419(*d*) of the National Agricultural Re-
16 search, Extension, and Teaching Policy Act of 1977 (7
17 U.S.C. 3154(*d*)) is amended by striking “2007” and in-
18 serting “2012”.

19 **SEC. 303. POLICY RESEARCH CENTERS.**

20 Section 1419A(*d*) of the National Agricultural Re-
21 search, Extension, and Teaching Policy Act of 1977 (7
22 U.S.C. 3155(*d*)) is amended by striking “2007” and in-
23 serting “2012”.

1 **SEC. 304. HUMAN NUTRITION INTERVENTION AND HEALTH**
2 **PROMOTION RESEARCH PROGRAM.**

3 Section 1424(d) of the National Agricultural Re-
4 search, Extension, and Teaching Policy Act of 1977 (7
5 U.S.C. 3174(d)) is amended by striking “2007” and in-
6 serting “2012”.

7 **SEC. 305. PILOT RESEARCH PROGRAM TO COMBINE MED-**
8 **ICAL AND AGRICULTURAL RESEARCH.**

9 Section 1424A(d) of the National Agricultural Re-
10 search, Extension, and Teaching Policy Act of 1977 (7
11 U.S.C. 3174a(d)) is amended by striking “2007” and in-
12 serting “2012”.

13 **SEC. 306. NUTRITION EDUCATION PROGRAM.**

14 Section 1425(c)(3) of the National Agricultural Re-
15 search, Extension, and Teaching Policy Act of 1977 (7
16 U.S.C. 3175(c)(3)) is amended by striking “2007” and
17 inserting “2012”.

18 **SEC. 307. CONTINUING ANIMAL HEALTH AND DISEASE RE-**
19 **SEARCH PROGRAMS.**

20 Section 1433(a) of the National Agricultural Re-
21 search, Extension, and Teaching Policy Act of 1977 (7
22 U.S.C. 3195(a)) is amended in the first sentence by strik-
23 ing “2007” and inserting “2012”.

1 **SEC. 308. APPROPRIATIONS FOR RESEARCH ON NATIONAL**
2 **OR REGIONAL PROBLEMS.**

3 Section 1434(a) of the National Agricultural Re-
4 search, Extension, and Teaching Policy Act of 1977 (7
5 U.S.C. 3196(a)) is amended by striking “2007” and in-
6 serting “2012”.

7 **SEC. 309. GRANTS TO UPGRADE AGRICULTURAL AND FOOD**
8 **SCIENCES FACILITIES AT 1890 LAND-GRANT**
9 **COLLEGES, INCLUDING TUSKEGEE UNIVER-**
10 **SITY.**

11 Section 1447(b) of the National Agricultural Re-
12 search, Extension, and Teaching Policy Act of 1977 (7
13 U.S.C. 3222b(b)) is amended by striking “2007” and in-
14 serting “2012”.

15 **SEC. 310. NATIONAL RESEARCH AND TRAINING VIRTUAL**
16 **CENTERS.**

17 Section 1448 of the National Agricultural Research,
18 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
19 3222c) is amended by striking “2007” each place it ap-
20 pears in subsections (a)(1) and (f) and inserting “2012”.

21 **SEC. 311. MATCHING FUNDS REQUIREMENT FOR RE-**
22 **SEARCH AND EXTENSION ACTIVITIES OF 1890**
23 **INSTITUTIONS.**

24 Section 1449(c) of the National Agricultural Re-
25 search, Extension, and Teaching Policy Act of 1977 (7

1 U.S.C. 3222d(c)) is amended in the first sentence by strik-
2 ing “for each of fiscal years 2003 through 2007,”.

3 **SEC. 312. HISPANIC-SERVING INSTITUTIONS.**

4 Section 1455(c) of the National Agricultural Re-
5 search, Extension, and Teaching Policy Act of 1977 (7
6 U.S.C. 3241(c)) is amended by striking “2007” and in-
7 serting “2012”.

8 **SEC. 313. COMPETITIVE GRANTS FOR INTERNATIONAL AG-**
9 **RICULTURAL SCIENCE AND EDUCATION PRO-**
10 **GRAMS.**

11 Section 1459A(c) of the National Agricultural Re-
12 search, Extension, and Teaching Policy Act of 1977 (7
13 U.S.C. 3292b(c)) is amended by striking “2007” and in-
14 serting “2012”.

15 **SEC. 314. RESEARCH EQUIPMENT GRANTS.**

16 Section 1462A(e) of the National Agricultural Re-
17 search, Extension, and Teaching Policy Act of 1977 (7
18 U.S.C. 3310a(e)) is amended by striking “2007” and in-
19 serting “2012”.

20 **SEC. 315. UNIVERSITY RESEARCH.**

21 Section 1463 of the National Agricultural Research,
22 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
23 3311) is amended by striking “2007” each place it ap-
24 pears in subsections (a) and (b) and inserting “2012”.

1 **SEC. 316. EXTENSION SERVICE.**

2 Section 1464 of the National Agricultural Research,
3 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
4 3312) is amended by striking “2007” and inserting
5 “2012”.

6 **SEC. 317. SUPPLEMENTAL AND ALTERNATIVE CROPS.**

7 Section 1473D(a) of the National Agricultural Re-
8 search, Extension, and Teaching Policy Act of 1977 (7
9 U.S.C. 3319d(a)) is amended by striking “2007” and in-
10 serting “2012”.

11 **SEC. 318. AQUACULTURE RESEARCH FACILITIES.**

12 Section 1477 of the National Agricultural Research,
13 Extension, and Teaching Policy Act of 1977 (7 U.S.C.
14 3324) is amended by striking “2007” and inserting
15 “2012”.

16 **SEC. 319. RANGELAND RESEARCH.**

17 Section 1483(a) of the National Agricultural Re-
18 search, Extension, and Teaching Policy Act of 1977 (7
19 U.S.C. 3336(a)) is amended by striking “2007” and in-
20 serting “2012”.

21 **SEC. 320. SPECIAL AUTHORIZATION FOR BIOSECURITY**
22 **PLANNING AND RESPONSE.**

23 Section 1484(a) of the National Agricultural Re-
24 search, Extension, and Teaching Policy Act of 1977 (7
25 U.S.C. 3351(a)) is amended by striking “2007” and in-
26 serting “2012”.

1 **SEC. 321. RESIDENT INSTRUCTION AND DISTANCE EDU-**
2 **CATION GRANTS PROGRAM FOR INSULAR**
3 **AREA INSTITUTIONS OF HIGHER EDUCATION.**

4 (a) DISTANCE EDUCATION GRANTS FOR INSULAR
5 AREAS.—Section 1490(f) of the National Agricultural Re-
6 search, Extension, and Teaching Policy Act of 1977 (7
7 U.S.C. 3362(f)) is amended by striking “2007” and in-
8 serting “2012”.

9 (b) RESIDENT INSTRUCTION GRANTS FOR INSULAR
10 AREAS.—Section 1491 of the National Agricultural Re-
11 search, Extension, and Teaching Policy Act of 1977 (7
12 U.S.C. 3363) is amended—

13 (1) by redesignating subsection (e) as sub-
14 section (c); and

15 (2) in subsection (c) (as so redesignated), by
16 striking “2007” and inserting “2012”.

17 **Subtitle B—Food, Agriculture, Con-**
18 **servation, and Trade Act of 1990**

19 **SEC. 331. NATIONAL GENETICS RESOURCES PROGRAM.**

20 Section 1635(b) of the Food, Agriculture, Conserva-
21 tion, and Trade Act of 1990 (7 U.S.C. 5844(b)) is amend-
22 ed by striking “2007” and inserting “2012”.

1 **SEC. 332. HIGH-PRIORITY RESEARCH AND EXTENSION INI-**
2 **TIATIVES.**

3 Section 1672(h) of the Food, Agriculture, Conserva-
4 tion, and Trade Act of 1990 (7 U.S.C. 5925(h)) is amend-
5 ed by striking “2007” and inserting “2012”.

6 **SEC. 333. NUTRIENT MANAGEMENT RESEARCH AND EXTEN-**
7 **SION INITIATIVE.**

8 Section 1672A of the Food, Agriculture, Conserva-
9 tion, and Trade Act of 1990 (7 U.S.C. 5925a) is amend-
10 ed—

11 (1) by redesignating subsection (g) as sub-
12 section (f); and

13 (2) in subsection (f) (as so redesignated), by
14 striking “2007” and inserting “2012”.

15 **SEC. 334. ORGANIC AGRICULTURE RESEARCH AND EXTEN-**
16 **SION INITIATIVE.**

17 Section 1672B(e) of the Food, Agriculture, Conserva-
18 tion, and Trade Act of 1990 (7 U.S.C. 5925b(e)) is
19 amended by striking “2007” and inserting “2012”.

20 **SEC. 335. AGRICULTURAL TELECOMMUNICATIONS PRO-**
21 **GRAM.**

22 Section 1673(h) of the Food, Agriculture, Conserva-
23 tion, and Trade Act of 1990 (7 U.S.C. 5926(h)) is amend-
24 ed by striking “2007” and inserting “2012”.

1 **SEC. 336. ASSISTIVE TECHNOLOGY PROGRAM FOR FARM-**
2 **ERS WITH DISABILITIES.**

3 Section 1680(c)(1) of the Food, Agriculture, Con-
4 servation, and Trade Act of 1990 (7 U.S.C. 5933(c)(1))
5 is amended by striking “2007” and inserting “2012”.

6 **SEC. 337. NATIONAL RURAL INFORMATION CENTER CLEAR-**
7 **INGHOUSE.**

8 Section 2381(e) of the Food, Agriculture, Conserva-
9 tion, and Trade Act of 1990 (7 U.S.C. 3125b(e)) is
10 amended by striking “2007” and inserting “2012”.

11 **Subtitle C—Agricultural Research,**
12 **Extension, and Education Re-**
13 **form Act of 1998**

14 **SEC. 341. PARTNERSHIPS FOR HIGH-VALUE AGRICULTURAL**
15 **PRODUCT QUALITY RESEARCH.**

16 Section 402(g) of the Agricultural Research, Exten-
17 sion, and Education Reform Act of 1998 (7 U.S.C.
18 7622(g)) is amended by striking “2007” and inserting
19 “2012”.

20 **SEC. 342. PRECISION AGRICULTURE.**

21 Section 403(i)(1) of the Agricultural Research, Ex-
22 tension, and Education Reform Act of 1998 (7 U.S.C.
23 7623(i)(1)) is amended by striking “2007” and inserting
24 “2012”.

1 **SEC. 343. BIOBASED PRODUCTS.**

2 (a) PILOT PROJECT.—Section 404(e)(2) of the Agri-
3 cultural Research, Extension, and Education Reform Act
4 of 1998 (7 U.S.C. 7624(e)(2)) is amended by striking
5 “2007” and inserting “2012”.

6 (b) AUTHORIZATION OF APPROPRIATIONS.—Section
7 404(h) of the Agricultural Research, Extension, and Edu-
8 cation Reform Act of 1998 (7 U.S.C. 7624(h)) is amended
9 by striking “2007” and inserting “2012”.

10 **SEC. 344. THOMAS JEFFERSON INITIATIVE FOR CROP DI-**
11 **VERSIFICATION.**

12 Section 405(h) of the Agricultural Research, Exten-
13 sion, and Education Reform Act of 1998 (7 U.S.C.
14 7625(h)) is amended by striking “2007” and inserting
15 “2012”.

16 **SEC. 345. INTEGRATED RESEARCH, EDUCATION, AND EX-**
17 **TENSION COMPETITIVE GRANTS PROGRAM.**

18 Section 406(f) of the Agricultural Research, Exten-
19 sion, and Education Reform Act of 1998 (7 U.S.C.
20 7626(f)) is amended by striking “2007” and inserting
21 “2012”.

1 **SEC. 346. SUPPORT FOR RESEARCH REGARDING DISEASES**
2 **OF WHEAT, TRITICALE, AND BARLEY CAUSED**
3 **BY FUSARIUM GRAMINEARUM OR BY**
4 **TILLETIA INDICA.**

5 Section 408(e) of the Agricultural Research, Exten-
6 sion, and Education Reform Act of 1998 (7 U.S.C.
7 7628(e)) is amended by striking “2007” and inserting
8 “2012”.

9 **SEC. 347. BOVINE JOHNE’S DISEASE CONTROL PROGRAM.**

10 Section 409(b) of the Agricultural Research, Exten-
11 sion, and Education Reform Act of 1998 (7 U.S.C.
12 7629(b)) is amended by striking “2007” and inserting
13 “2012”.

14 **SEC. 348. GRANTS FOR YOUTH ORGANIZATIONS.**

15 Section 410(c) of the Agricultural Research, Exten-
16 sion, and Education Reform Act of 1998 (7 U.S.C.
17 7630(c)) is amended by striking “2007” and inserting
18 “2012”.

19 **SEC. 349. AGRICULTURAL BIOTECHNOLOGY RESEARCH**
20 **AND DEVELOPMENT FOR DEVELOPING COUN-**
21 **TRIES.**

22 Section 411(c) of the Agricultural Research, Exten-
23 sion, and Education Reform Act of 1998 (7 U.S.C.
24 7631(c)) is amended by striking “2007” and inserting
25 “2012”.

1 **SEC. 350. OFFICE OF PEST MANAGEMENT POLICY.**

2 Section 614(f) of the Agricultural Research, Exten-
3 sion, and Education Reform Act of 1998 (7 U.S.C.
4 7653(f)) is amended by striking “2007” and inserting
5 “2012”.

6 **Subtitle D—Other Laws**

7 **SEC. 371. CRITICAL AGRICULTURAL MATERIALS ACT.**

8 Section 16(a) of the Critical Agricultural Materials
9 Act (7 U.S.C. 178n(a)) is amended by striking “2007”
10 and inserting “2012”.

11 **SEC. 372. EQUITY IN EDUCATIONAL LAND-GRANT STATUS**

12 **ACT OF 1994.**

13 (a) ENDOWMENT FOR 1994 INSTITUTIONS.—Section
14 533(b) of the Equity in Educational Land-Grant Status
15 Act of 1994 (7 U.S.C. 301 note; Public Law 103–382)
16 is amended in the first sentence by striking “2007” and
17 inserting “2012”.

18 (b) INSTITUTIONAL CAPACITY BUILDING GRANTS.—
19 Section 535 of the Equity in Educational Land-Grant Sta-
20 tus Act of 1994 (7 U.S.C. 301 note; Public Law 103–
21 382) is amended by striking “2007” each place it appears
22 and inserting “2012”.

23 (c) RESEARCH GRANTS.—Section 536(c) of the Eq-
24 uity in Educational Land-Grant Status Act of 1994 (7
25 U.S.C. 301 note; Public Law 103–382) is amended in the
26 first sentence by striking “2007” and inserting “2012”.

1 **SEC. 373. AGRICULTURAL EXPERIMENT STATION RE-**
2 **SEARCH FACILITIES ACT.**

3 Section 6(a) of the Research Facilities Act (7 U.S.C.
4 390d(a)) is amended by striking “2007” and inserting
5 “2012”.

6 **SEC. 374. NATIONAL AGRICULTURAL RESEARCH, EXTEN-**
7 **SION, AND TEACHING POLICY ACT AMEND-**
8 **MENTS OF 1985.**

9 Section 1431 of the National Agricultural Research,
10 Extension, and Teaching Policy Act Amendments of 1985
11 (Public Law 99–198; 99 Stat. 1556; 116 Stat. 436) is
12 amended by striking “2007” and inserting “2012”.

13 **SEC. 375. COMPETITIVE, SPECIAL, AND FACILITIES RE-**
14 **SEARCH GRANT ACT (NATIONAL RESEARCH**
15 **INITIATIVE).**

16 Section 2(b)(10) of the Competitive, Special, and Fa-
17 cilities Research Grant Act (7 U.S.C. 450i(b)(10)) is
18 amended by striking “2007” and inserting “2012”.

19 **SEC. 376. BEGINNING FARMER AND RANCHER DEVELOP-**
20 **MENT PROGRAM.**

21 Section 7405(h) of the Farm Security and Rural In-
22 vestment Act of 2002 (7 U.S.C. 3319f(h)) is amended by
23 striking “2007” and inserting “2012”.

1 **SEC. 377. AGRICULTURAL RISK PROTECTION ACT OF 2000**
2 **(CARBON CYCLE RESEARCH).**

3 Section 221(g) of the Agricultural Risk Protection
4 Act of 2000 (7 U.S.C. 6711(g)) is amended by striking
5 “2007” and inserting “2012”.

6 **SEC. 378. RENEWABLE RESOURCES EXTENSION ACT OF**
7 **1978.**

8 (a) AUTHORIZATION OF APPROPRIATIONS.—Section
9 6 of the Renewable Resources Extension Act of 1978 (16
10 U.S.C. 1675) is amended by striking “2007” and insert-
11 ing “2012”.

12 (b) TERMINATION DATE.—Section 8 of the Renew-
13 able Resources Extension Act of 1978 (16 U.S.C. 1671
14 note; Public Law 95–306) is amended by striking “2007”
15 and inserting “2012”.

16 **SEC. 379. NATIONAL AQUACULTURE ACT OF 1980.**

17 Section 10 of the National Aquaculture Act of 1980
18 (16 U.S.C. 2809) is amended by striking “2007” each
19 place it appears and inserting “2012”.

20 **TITLE IV—ENHANCEMENTS**

21 **Subtitle A—Research and**
22 **Extension**

23 **SEC. 401. COMPLIANCE WITH MULTISTATE AND INTEGRA-**
24 **TION REQUIREMENTS.**

25 (a) FUNDS EXPENDED ON MULTISTATE COOPERA-
26 TIVE EXTENSION ACTIVITIES.—Section 3 of the Smith-

1 Lever Act (7 U.S.C. 343) is amended by striking sub-
2 section (h) and inserting the following:

3 “(h) MULTISTATE COOPERATIVE EXTENSION AC-
4 TIVITIES.—

5 “(1) DEFINITION OF MULTISTATE ACTIVITY.—

6 In this subsection, the term ‘multistate activity’
7 means a cooperative extension activity in which 2 or
8 more States cooperate to resolve problems that con-
9 cern more than 1 State.

10 “(2) REQUIREMENT.—

11 “(A) IN GENERAL.—To receive funding
12 under subsections (b) and (c) for a fiscal year,
13 a State must have expended on multistate ac-
14 tivities, in the preceding fiscal year, an amount
15 equivalent to not less than 25 percent of the
16 funds paid to the State under subsections (b)
17 and (c) for the preceding fiscal year.

18 “(B) DETERMINATION OF AMOUNT.—In
19 determining compliance with subparagraph (A),
20 the Secretary shall include all cooperative exten-
21 sion funds expended by the State in the pre-
22 ceding fiscal year, including Federal, State, and
23 local funds.

24 “(3) REDUCTION OF PERCENTAGE.—The Sec-
25 retary may reduce the minimum percentage required

1 to be expended for multistate activities under para-
2 graph (2) by a State in a case of hardship,
3 unfeasibility, or other similar circumstances beyond
4 the control of the State, as determined by the Sec-
5 retary.

6 “(4) APPLICABILITY.—This subsection does not
7 apply to funds provided—

8 “(A) to a 1994 Institution (as defined in
9 section 532 of the Equity in Educational Land-
10 Grant Status Act of 1994 (7 U.S.C. 301 note;
11 Public Law 103-382)); or

12 “(B) to the Commonwealth of Puerto Rico,
13 the Virgin Islands, or Guam.”.

14 (b) FUNDS EXPENDED ON INTEGRATED RESEARCH
15 AND EXTENSION ACTIVITIES.—Section 3 of the Hatch
16 Act of 1887 (7 U.S.C. 361c) is amended by striking sub-
17 section (i) and inserting the following:

18 “(i) INTEGRATED RESEARCH AND EXTENSION AC-
19 TIVITIES.—

20 “(1) IN GENERAL.—

21 “(A) REQUIREMENT.—To receive funding
22 under this Act and subsections (b) and (c) of
23 section 3 of the Smith-Lever Act (7 U.S.C.
24 343) for a fiscal year, a State must have ex-
25 pended on activities that integrate cooperative

1 research and extension (referred to in this sec-
2 tion as ‘integrated activities’), in the preceding
3 fiscal year, an amount equivalent to not less
4 than 25 percent of the funds paid to the State
5 under this section and subsections (b) and (c)
6 of section 3 of the Smith-Lever Act (7 U.S.C.
7 343) for the preceding fiscal year.

8 “(B) DETERMINATION OF AMOUNT.—In
9 determining compliance with subparagraph (A),
10 the Secretary shall include all cooperative re-
11 search and extension funds expended by the
12 State in the prior fiscal year, including Federal,
13 State, and local funds.

14 “(2) REDUCTION OF PERCENTAGE.—The Sec-
15 retary may reduce the minimum percentage required
16 to be expended for integrated activities under para-
17 graph (1) by a State in a case of hardship,
18 unfeasibility, or other similar circumstances beyond
19 the control of the State, as determined by the Sec-
20 retary.

21 “(3) APPLICABILITY.—This subsection does not
22 apply to funds provided

23 “(A) to a 1994 Institution (as defined in
24 section 532 of the Equity in Educational Land-

1 Grant Status Act of 1994 (7 U.S.C. 301 note;
2 Public Law 103-382)); or

3 “(B) to the Commonwealth of Puerto Rico,
4 the Virgin Islands, or Guam.

5 “(4) RELATIONSHIP TO OTHER REQUIRE-
6 MENTS.—Funds described in paragraph (1)(B) that
7 a State uses to calculate the required amount of ex-
8 penditures for integrated activities under paragraph
9 (1)(A) may also be used in the same fiscal year to
10 calculate the amount of expenditures for multistate
11 activities required under subsection (c)(3) of this
12 section and section 3(h) of the Smith-Lever Act (7
13 U.S.C. 343(h)).”.

14 **SEC. 402. EXPANSION OF FOOD AND AGRICULTURAL**
15 **SCIENCES AWARDS.**

16 Section 1417(i) of the National Agricultural Re-
17 search, Extension, and Teaching Policy Act of 1977 (7
18 U.S.C. 3152(i)) is amended—

19 (1) in the subsection heading by striking
20 “Teaching Awards” and inserting “Teaching, Exten-
21 sion, and Research Awards”; and

22 (2) by striking paragraph (1) and inserting the
23 following:

24 “(1) ESTABLISHMENT.—The Secretary shall es-
25 tablish a National Food and Agricultural Sciences

1 Teaching, Extension, and Research Awards program
2 to recognize and promote excellence in teaching, ex-
3 tension, and research in the food and agricultural
4 sciences at a college or university. The Secretary
5 shall make at least one cash award in each fiscal
6 year to a nominee selected by the Secretary for ex-
7 cellence in each of the areas of teaching, extension,
8 and research of food and agricultural science at a
9 college or university.”.

10 **SEC. 403. SUSTAINABLE HUMAN DEVELOPMENT INITIA-**
11 **TIVE.**

12 Subtitle C of title XIV of the National Agriculture
13 Research, Extension, and Teaching Policy Act of 1977 (7
14 U.S.C. 3121 et seq.) is amended by adding at the end
15 the following:

16 **“SEC. 1413C. SUSTAINABLE HUMAN DEVELOPMENT INITIA-**
17 **TIVE.**

18 “(a) IN GENERAL.—The Secretary, through the Co-
19 operative State Research, Education, and Extension Serv-
20 ice or any successor organization, shall establish and carry
21 out a sustainable human development initiative using an
22 interdisciplinary approach to demonstrate the importance
23 of—

1 “(1) enhancing and sustaining human capital
2 and resources along with economic growth in both
3 developing and advanced economies;

4 “(2) improving health and nutrition and sup-
5 porting the stability and well-being of women, chil-
6 dren, and families throughout the world;

7 “(3) protecting the environment while carrying
8 out necessary development activities; and

9 “(4) achieving and maintaining social justice
10 along with economic and social opportunity.

11 “(b) PARTNERSHIPS.—In carrying out this section,
12 the Secretary shall enter into partnerships with colleges
13 and universities and with such other public and private
14 entities as the Secretary deems appropriate to assemble
15 individuals with appropriate levels of training and experi-
16 ence in disciplines that can further the initiative.

17 “(c) INTEGRATION INTO ACTIVITIES.—The Secretary
18 shall endeavor to integrate the principles of sustainable
19 human development into the research, extension, teaching,
20 and related activities carried out under this Act and such
21 related authorities as the Secretary determines appro-
22 priate.”.

1 **Subtitle B—Nutrition**

2 **SEC. 411. EXPANDED FOOD AND NUTRITION EDUCATION**
3 **PROGRAM.**

4 (a) FUNDING TO 1862, 1890, AND INSULAR AREA
5 INSTITUTIONS.—Section 1425(c)(2)(B) of the National
6 Agriculture Research, Extension, and Teaching Policy Act
7 of 1977 (7 U.S.C. 3175(c)(2)(B)) is amended

8 (1) in the prefatory material by striking
9 “among the States”;

10 (2) by striking clause (i) and inserting the fol-
11 lowing:

12 “(i) \$100,000 shall be distributed to
13 each of the land grant colleges and univer-
14 sities;”;

15 (3) by redesignating clause (ii) as clause (iii);

16 (4) by inserting after clause (i) the following:

17 “(ii) subject to subsection (d), of the remainder, 10
18 percent in fiscal year 2008, 11 percent in fiscal year 2009,
19 12 percent in fiscal year 2010, 13 percent in fiscal year
20 2011, 14 percent in fiscal year 2012, and 15 percent in
21 fiscal year 2013 and each fiscal year thereafter, shall be
22 allocated to each 1890 Institution (as defined in section
23 2 of the Agricultural Research, Extension, and Education
24 Reform Act of 1998) in an amount that bears the same
25 ratio to the total amount to be allocated under this clause

1 as the population of the State living at or below 125 per-
2 cent of the income poverty guidelines prescribed by the
3 Office of Management and Budget (adjusted pursuant to
4 section 673(2) of the Omnibus Budget Reconciliation Act
5 of 1981 (42 U.S.C. 9902)), bears to the total population
6 of all the States that have 1890 Institutions living at or
7 below 125 percent of the income poverty guidelines, as de-
8 termined by the last preceding decennial census at the
9 time each such additional amount is first appropriated:
10 Provided, That the total allocated under this clause shall
11 not exceed (I) the amount of the funds appropriated for
12 the conduct of the expanded food and nutrition education
13 program for the fiscal year that are in excess of the
14 amount appropriated for the conduct of the program for
15 the fiscal year ending September 30, 2007, reduced by (II)
16 any amounts expended pursuant to any adjustment under
17 subsection (d); and”;

18 (5) By amending clause (iii), as redesignated—
19 (A) by striking “allocated to each State”
20 and inserting “allocated to the institution eligi-
21 ble to receive funds under the Act of July 2,
22 1862 (and including the appropriate insular
23 area institution) in each State (and the Univer-
24 sity of the District of Columbia, notwith-

1 standing section 208(e) of Public law 93-471”);
2 and

3 (B) by striking “subparagraph.” and in-
4 serting “subparagraph: *Provided*, That the total
5 allocated under this clause to the University of
6 the District of Columbia shall not exceed (I) the
7 amount described in the proviso to clause (ii),
8 reduced further by (II) the amount allocated
9 under clause (ii).”.

10 (b) AUTHORIZATION.—Section 1425(c)(3) of the Na-
11 tional Agriculture Research, Extension, and Teaching Pol-
12 icy Act of 1977 (7 U.S.C. 3175(c)(3)) is amended by
13 striking “\$83,000,000 for each of fiscal years 1996
14 through 2007” and inserting “\$90,000,000 for each of fis-
15 cal years 2008 through 2014”.

16 (c) EFFECTIVE DATE.—The amendments made by
17 this section take effect on October 1, 2007.

18 **SEC. 412. UNIVERSITY OF THE DISTRICT OF COLUMBIA ELI-**
19 **GIBILITY FOR THE EXPANDED FOOD AND NU-**
20 **TRITION PROGRAM.**

21 Section 3 of the Smith-Lever Act (7 U.S.C. 343) is
22 amended by adding at the end the following:

23 “(k) ELIGIBILITY.—The 1862 Land-Grant Institu-
24 tion in the District of Columbia, as defined under section
25 208 of the District of Columbia Public Postsecondary

1 Education Reorganization Act of October 26, 1974 (Pub-
2 lic Law 93-471, 88 Stat. 1428), shall be eligible under
3 this section to participate in the expanded food and nutri-
4 tion education program established under section 1425 of
5 the National Agriculture Research, Extension, and Teach-
6 ing Policy Act of 1977 (7 U.S.C. 3175).”.

7 **SEC. 413. FOOD STAMP NUTRITION EDUCATION REIM-**
8 **BURSEMENT FOR 1890 INSTITUTIONS.**

9 Notwithstanding any other provision of law, the Sec-
10 retary of Agriculture may reimburse a State participating
11 in the Food Stamp Nutrition Education Program at the
12 rate of 100 percent for allowable expenditures for nutri-
13 tion education provided by an 1890 Institution (as defined
14 in section 2 of the Agricultural Research, Extension, and
15 Education Reform Act of 1998 (7 U.S.C. 7601(2)), if the
16 Secretary determines that the 1890 Institution would oth-
17 erwise be unable to provide the Nutrition Education.

18 **SEC. 414. REAUTHORIZATION OF THE NATIONAL NUTRI-**
19 **TION MONITORING AND RELATED RESEARCH**
20 **ACT OF 1990.**

21 (a) COORDINATED PROGRAM.—Section 101(a) of the
22 National Nutrition Monitoring and Related Research Act
23 of 1990 (7 U.S.C. 5311(a)) is amended by striking “ten-
24 year”.

1 (b) IMPLEMENTATION PERIOD.—Section 104(a) of
2 the National Nutrition Monitoring and Related Research
3 Act of 1990 (7 U.S.C. 5314(a)) is amended by striking
4 “shall be carried” and all that follows through “section
5 103(d)(2) and”.

6 (c) AUTHORIZATION.—Section 106 of the National
7 Nutrition Monitoring and Related Research Act of 1990
8 (7 U.S.C. 5316) is amended

9 (1) in subsection (b)(1), by striking “authorize
10 the appropriation or”; and

11 (2) by adding at the end the following:

12 “(c) AUTHORIZATION.—There are authorized to be
13 appropriated such sums as may be necessary to carry out
14 this title for each of the 7 fiscal years beginning with fiscal
15 year 2008.”.

16 **Subtitle C—1890 Initiatives**

17 **SEC. 421. RESEARCH AND EDUCATION UNDER THE NA-** 18 **TIONAL AGRICULTURAL RESEARCH, EXTEN-** 19 **SION, AND TEACHING POLICY ACT OF 1977.**

20 (a) IN GENERAL.—Section 1445(a)(2) of the Na-
21 tional Agriculture Research, Extension, and Teaching Pol-
22 icy Act of 1977 (7 U.S.C. 3222(a)(2)) is amended by
23 striking “25 percent” and inserting “30 percent”.

24 (b) EFFECTIVE DATE.—The amendment made by
25 subsection (a) shall take effect on October 1, 2007.

1 **SEC. 422. EXTENSION FORMULA PROGRAMS UNDER THE**
2 **NATIONAL AGRICULTURAL RESEARCH, EX-**
3 **TENSION, AND TEACHING POLICY ACT OF**
4 **1977.**

5 (a) IN GENERAL.—Section 1444(a)(2) of the Na-
6 tional Agriculture Research, Extension, and Teaching Pol-
7 icy Act of 1977 (7 U.S.C. 3221(a)(2)) is amended by
8 striking “15 percent” and inserting “20 percent”.

9 (b) EFFECTIVE DATE.—The amendment made by
10 subsection (a) shall take effect on October 1, 2007.

11 **SEC. 423. CHILDREN, YOUTH, AND FAMILIES EDUCATION**
12 **AND RESEARCH NETWORK (CYFERNET) PRO-**
13 **GRAM.**

14 In carrying out the Children, Youth, and Families
15 Education and Research Network Program under section
16 3(d) of the Smith-Lever Act (7 U.S.C. 343(d)), the Sec-
17 retary shall include 1890 Institutions as eligible program
18 applicants and participants. In this section, the term
19 “1890 Institutions” has the same meaning as in section
20 2 of the Agricultural Research, Extension, and Education
21 Reform Act of 1998 (7 U.S.C. 7601(2)).

22 **SEC. 424. ANIMAL HEALTH AND DISEASE RESEARCH PRO-**
23 **GRAM.**

24 Section 1434(b) of the National Agriculture Re-
25 search, Extension, and Teaching Policy Act of 1977 (7
26 U.S.C. 3196(b)) is amended by inserting after “univer-

1 sities” the following: “(including 1890 Institutions (as de-
2 fined in section 2 of the Agricultural Research, Extension,
3 and Education Reform Act of 1998 (7 U.S.C. 7601(2))).”.

4 **SEC. 425. MCINTIRE-STENNIS COOPERATIVE FORESTRY**
5 **ACT.**

6 Section 2 of Public Law 87-788 (16 U.S.C. 582a-
7 1) is amended—

8 (1) by inserting “and 1890 Institutions,” before
9 “and (b)”; and

10 (2) by adding at the end the following: “In
11 states which have both 1862 Institutions and the
12 1890 Institutions eligible for and receiving funds
13 under this Act, the institutions shall, to the max-
14 imum extent practicable, develop complementary
15 plans for forestry research in the State. In this sec-
16 tion, the terms ‘1862 Institutions’ and ‘1890 Insti-
17 tutions’ have the same meanings as in section 2 of
18 the Agricultural Research, Extension, and Education
19 Reform Act of 1998 (7 U.S.C. 7601(2)).”.

20 **SEC. 426. OUTREACH AND ASSISTANCE FOR SOCIALLY DIS-**
21 **ADVANTAGED FARMERS AND RANCHERS.**

22 (a) **AUTHORIZATION.**—Section 2501(a)(4)(A) of the
23 Food, Agriculture, Conservation, and Trade Act of 1990
24 (7 U.S.C. 2279(a)(4)(A)) is amended by striking
25 “\$25,000,000 for each of fiscal years 2002 through 2007”

1 and inserting “\$50,000,000 for each of fiscal years 2008
2 through 2014”.

3 (b) DURATION OF AGREEMENTS.—Section
4 2501(a)(3)(A) of the Food, Agriculture, Conservation, and
5 Trade Act of 1990 (7 U.S.C. 2279(a)(3)(A)) is amended
6 by adding at the end the following: “Any grant, contract,
7 or other agreement under this subsection may be entered
8 into for a period of between 1 and 5 years, except that,
9 in order to enhance program continuity, an applicant may
10 request a multiyear grant, contract, or agreement of at
11 least 3 years in duration.”.

12 **SEC. 427. GRANTS TO 1890 SCHOOLS TO EXPAND EXTEN-**
13 **SION CAPACITY.**

14 Section 1417(b)(4) of the National Agricultural Re-
15 search, Extension, and Teaching Policy Act of 1977 (7
16 U.S.C. 3152(b)(4)) is amended by striking “teaching and
17 research” and inserting “teaching, research, and exten-
18 sion”.

19 **SEC. 428. NATIONAL CENTER FOR THE STUDY OF SOCIALY**
20 **DISADVANTAGED FARMERS.**

21 (a) IN GENERAL.—The Secretary may make a com-
22 petitive grant annually to a consortium of 1890 Institu-
23 tions for the purpose of establishing and supporting a Na-
24 tional Center for the Study of Socially Disadvantaged
25 Farmers (referred to in this section as the “Center”).

1 (b) PURPOSES.—The purposes of the Center are—

2 (1) to conduct research, analysis, and policy
3 formulation, and to disseminate information de-
4 signed to improve the economic viability of socially
5 disadvantaged farmers in the United States; and

6 (2) to evaluate the effectiveness and impact of
7 the programs and services of the Department of Ag-
8 riculture that serve socially disadvantaged farmers
9 and recommend policies designed to improve the
10 quality of those programs and services.

11 (c) DEFINITIONS.—In this section:

12 (1) The term “Secretary” means the Secretary
13 of Agriculture.

14 (2) The term “1890 Institutions” has the
15 meaning given that term in section 2 of the Agricul-
16 tural Research, Extension, and Education Reform
17 Act of 1998 (7 U.S.C. 7601(2)).

18 (3) The term “socially disadvantaged farmer”
19 has the meaning given that term in section
20 2501(e)(2) of the Food, Agriculture, Conservation,
21 and Trade Act of 1990 (7 U.S.C. 2279(e)(2)).

22 (d) AUTHORIZATION.—There are authorized to be ap-
23 propriated to the Secretary for the grant program under
24 this section not to exceed \$2,000,000 for each of the fiscal
25 years 2008 through 2014.

1 **Subtitle D—Forestry**

2 **SEC. 431. MCINTIRE-STENNIS COOPERATIVE FORESTRY RE-**
3 **SEARCH PROGRAM.**

4 Section 8201 of the Farm Security and Rural Invest-
5 ment Act of 2002 (Public Law 107-171) is amended by
6 inserting before the period at the end the following:

7 “, which distributes funds by formula for the
8 purposes of—(1) assisting the various States in car-
9 rying out a program of State forestry and natural
10 resources research at State forestry schools and col-
11 leges; and

12 “(2) developing a trained pool of forest and
13 natural resources scientists capable of conducting
14 needed forestry and natural resources research.”.

15 **Subtitle E—Rural Development**

16 **SEC. 441. EXTENSION OF AGRICULTURAL TELECOMMUNI-**
17 **CATIONS PROGRAM TO RURAL DEVELOP-**
18 **MENT.**

19 Section 1673 of the Food, Agriculture, Conservation,
20 and Trade Act of 1990 (7 U.S.C. 5926) is amended—

21 (1) by inserting “**AND RURAL DEVELOP-**
22 **MENT**” after “**AGRICULTURAL**” in the heading;

23 (2) in subsection (a)—

1 (A) by striking “agricultural communica-
2 tions” and inserting “agricultural and rural de-
3 velopment communications”;

4 (B) by inserting after “and products” the
5 following: “, and to facilitate and enhance rural
6 development programs and activities”; and

7 (C) by striking “agricultural research” and
8 inserting “agricultural and rural development
9 research”;

10 (3) in subsection (b)(1), by striking “and re-
11 search” and inserting “research, and rural develop-
12 ment”;

13 (4) in subsection (b)(3), by striking “indus-
14 tries” and inserting “industries, and rural develop-
15 ment”;

16 (5) in subsection (b)(4), by inserting “and rural
17 development” after “agricultural”;

18 (6) in subsection (c), by—

19 (A) striking paragraph (1); and

20 (B) redesignating paragraphs (2) through
21 (7) as paragraphs (1) through (6), respectively;

22 (7) in subsection (d), by amending paragraph
23 (1) to read as follows:

24 “(1) The Secretary of Agriculture shall estab-
25 lish a program, to be administered through the

1 Higher Education Program of the Cooperative State
2 Research, Education, and Extension Service (or its
3 successor organization), under which financial and
4 technical assistance may be provided to eligible insti-
5 tutions that participate in a network that distributes
6 programs consistent with the objectives described in
7 subsection (b) of this section.”;

8 (8) in subsection (f)(1), by inserting “rural de-
9 velopment,” after “research,”; and

10 (9) in subsection (f)(2), by striking from “ap-
11 plications” through “Applications”, and inserting
12 “applications that”.

13 **SEC. 442. AUTHORIZATION OF RURAL DEVELOPMENT RE-**
14 **SEARCH UNDER THE INITIATIVE FOR FU-**
15 **TURE AGRICULTURE AND FOOD SYSTEMS.**

16 Section 401 of the Agricultural Research, Extension,
17 and Education Reform Act of 1998 (7 U.S.C. 7621) is
18 amended in subsection (c)(1)(D) by inserting “and rural
19 development” after “development”.

20 **SEC. 443. PRIORITY INITIATIVES: LAND USE MANAGEMENT.**

21 Section 1672(e)(28) of the Food, Agriculture, Con-
22 servation, and Trade Act of 1990 (7 U.S.C. 5925(e)(28))
23 is amended by inserting “and the impact of land use man-
24 agement decisions on communities” before the period.

1 **SEC. 444. PRIORITY INITIATIVES: WATER AND AIR QUALITY.**

2 Section 1672(e)(29) of the Food, Agriculture, Con-
3 servation, and Trade Act of 1990 (7 U.S.C. 5925(e)(29))
4 is amended by inserting “and for the purpose of better
5 understanding community mechanisms that (A) help miti-
6 gate agricultural impacts on water and air quality, and
7 (B) foster collaboration between communities and land
8 managers in mitigating those impacts” before the period.

9 **SEC. 445. PRIORITY INITIATIVES: AGROTOURISM.**

10 Section 1672(e)(31) of the Food, Agriculture, Con-
11 servation, and Trade Act of 1990 (7 U.S.C. 5925(e)(31))
12 is amended by inserting “and to understand the conditions
13 under which agrotourism can thrive and have positive
14 community impacts” before the period.

15 **SEC. 446. ORGANIC AGRICULTURE RESEARCH AND EXTEN-**
16 **SION INITIATIVE.**

17 Section 1672B(a) of the Food, Agriculture, Con-
18 servation, and Trade Act of 1990 (7 U.S.C. 5925b) is
19 amended—

20 (1) in paragraph (5) by striking “and” after
21 the semicolon;

22 (2) in paragraph (6) striking “conditions.” and
23 inserting “conditions; and”; and

24 (3) by adding at the end the following:

25 “(7) examining communities and structures
26 that support organic agricultural enterprises.”.

1 **SEC. 447. BIOSECURITY.**

2 Section 1484(b) of the National Agriculture Re-
3 search, Extension, and Teaching Policy Act of 1977 (7
4 U.S.C. 3351(b)) is amended by adding at the end the fol-
5 lowing:

6 “(5) To build community capacity to respond to
7 biosecurity hazards in a coordinated and effective
8 way.”.

9 **SEC. 448. BEGINNING FARMERS AND RANCHERS.**

10 Section 7405(c)(1) of the Farm Security and Rural
11 Investment Act of 2002 (7 U.S.C. 3319f(c)(1)) is amend-
12 ed—

13 (1) by striking “and” at the end of subpara-
14 graph (Q);

15 (2) by redesignating subparagraph (R) as sub-
16 paragraph (S); and

17 (3) by inserting after subparagraph (Q) the fol-
18 lowing:

19 “(R) the integration of beginning farmers
20 and ranchers in supportive community net-
21 works; and”.

22 **SEC. 449. RESIDENT INSTRUCTION AND DISTANT EDU-
23 CATION.**

24 Section 7501(a) of the Farm Security and Rural In-
25 vestment Act of 2002 (7 U.S.C. 3361 note) is amended—

1 (1) by striking “and agricultural sciences” and
2 inserting “, agricultural, and rural social sciences”;
3 and

4 (2) by inserting “rural social sciences,” after
5 “economics,”.

6 **SEC. 450. TRIBAL COLLEGE AND UNIVERSITY ESSENTIAL**
7 **COMMUNITY FACILITIES.**

8 (a) FEDERAL SHARE.—Section 306(a)(25)(B) of the
9 Consolidated Farm and Rural Development Act (7 U.S.C.
10 1926(a)(25)(B)) is amended to read as follows:

11 “(B) FEDERAL SHARE.—The Secretary
12 shall establish the maximum percentage of the
13 cost of the facility that may be covered by a
14 grant under this paragraph, except that the
15 Secretary may not require nonfederal financial
16 support in an amount that is greater than 5
17 percent of the total cost.”.

18 (b) EXTENSION.—Section 306(a)(25)(C) of the Con-
19 solidated Farm and Rural Development Act (7 U.S.C.
20 1926(a)(25)(C)) is amended by striking “2007” and in-
21 serting “2014”.

1 **SEC. 451. VALUE-ADDED AGRICULTURAL PRODUCT MAR-**
2 **KET DEVELOPMENT.**

3 Section 6401(b)(4) of the Farm Security and Rural
4 Investment Act of 2002 (7 U.S.C. 1621 note) is amend-
5 ed—

6 (1) By striking “FUNDING.—Not” and insert-
7 ing “FUNDING.—”

8 “(A) INITIAL FUNDING.—Not”; and

9 (2) after subparagraph (A) as so redesignated,
10 inserting the following:

11 “(B) SUBSEQUENT FUNDING.—In addition
12 to any funds otherwise made available, there
13 are authorized to be appropriated such sums as
14 may be necessary to carry out this section.”.

15 **SEC. 452. INNOVATION CENTER DEMONSTRATION**
16 **PROJECTS.**

17 Section 6402 of the Farm Security and Rural Invest-
18 ment Act of 2002 (7 U.S.C. 1621 note) is amended by
19 adding at the end the following:

20 “(j) AUTHORIZATION.—In addition to any funds oth-
21 erwise made available, there are authorized to be appro-
22 priated such sums as may be necessary to carry out this
23 section.”.

1 **SEC. 453. RURAL ENTREPRENEURSHIP DEVELOPMENT**
2 **PROGRAM.**

3 (a) RESEARCH PROJECTS REQUIRED.—The Sec-
4 retary shall conduct research and education projects to ob-
5 tain data, develop conclusions, demonstrate technologies,
6 and facilitate multi-jurisdictional initiatives that promote
7 the purposes of this section, including research and edu-
8 cation projects that—

9 (1) facilitate and increase investigation and
10 education in order to—

11 (A) provide the necessary education, train-
12 ing, and technical assistance in high schools,
13 community colleges, colleges, universities and
14 through non-formal outreach education delivery
15 systems to start up and grow rural businesses;

16 (B) provide the necessary education, train-
17 ing, and technical assistance in English as well
18 as other languages serving the needs of minor-
19 ity and immigrant populations;

20 (C) improve access to a diverse range of
21 capital resources from microenterprise loans to
22 venture capital;

23 (D) determine the best methods to train
24 entrepreneurs in preparing business plans, rec-
25 ordkeeping, compliance with tax rules, financial
26 management, and general business practices;

1 (E) promote entrepreneurship among rural
2 youth, minority populations, women, and low-in-
3 come rural residents; and

4 (F) create networks of entrepreneurial sup-
5 port and enabling culture among the business
6 community, government at all levels, nonprofit
7 organizations, educational institutions, and
8 other sectors; and

9 (2) facilitate the conduct of projects in order
10 to—

11 (A) study, to the extent practicable, the
12 unique entrepreneurial development systems
13 that best align with the unique needs and
14 strengths of rural areas and rural communities;

15 (B) study rural entrepreneurs and the edu-
16 cation, training, and technical assistance they
17 employ;

18 (C) study rural entrepreneurial develop-
19 ment organizations with regard to the edu-
20 cation, training, and technical assistance they
21 provide, and determine what are the most
22 promising strategies for building a more inte-
23 grated system of program delivery to rural en-
24 trepreneurs;

1 (D) take advantage of the experience and
2 expertise of rural entrepreneurs and rural en-
3 trepreneurial development organizations
4 through their direct participation and leader-
5 ship in projects;

6 (E) transfer practical, reliable, and timely
7 information to rural entrepreneurs and rural
8 entrepreneurial development organizations con-
9 cerning entrepreneurial education, training,
10 technical assistance, and the development of
11 local and regional entrepreneurial systems in
12 rural areas and rural communities;

13 (F) promote partnerships among rural en-
14 trepreneurs, nonprofit organizations, edu-
15 cational institutions at all levels, and govern-
16 mental institutions and agencies at all levels;
17 and

18 (G) provide assistance to local governments
19 regarding the important mix of policies and
20 programs that can help create and promote en-
21 trepreneurial-ready communities in rural Amer-
22 ica.

23 (b) AGREEMENTS.—The Secretary shall carry out
24 this section through agreements entered into with land-
25 grant colleges or universities (including their State Coop-

1 erative Extension Services, Agricultural Experiment Sta-
2 tions, and their Regional Rural Development Centers),
3 other universities or colleges, community colleges and
4 other 2-year institutions of higher education, elementary
5 and secondary schools, the State cooperative extension
6 services, nonprofit organizations, or Federal, State or local
7 governmental entities. All agreements shall be awarded on
8 a competitive basis according to criteria set forth by the
9 Regional Administrative Councils established under sub-
10 section (f).

11 (c) SELECTION, PRIORITY, AND DURATION OF
12 PROJECTS.—

13 (1) IN GENERAL.—The Secretary shall select
14 projects to be carried out under this section on the
15 basis of—

16 (A) the relevance of the project to the pur-
17 poses of this section;

18 (B) the appropriateness of the design of
19 the project;

20 (C) the likelihood of attaining the objec-
21 tives of the project; and

22 (D) the national or regional applicability of
23 the findings and outcomes of the proposed
24 project.

1 (2) PRIORITY.—In carrying out projects under
2 this section, the Secretary shall give priority to
3 projects that—

4 (A) closely coordinate research and edu-
5 cation activities (including outreach education
6 efforts);

7 (B) will best disseminate the findings of
8 the project in a readily usable manner to rural
9 entrepreneurs and to rural community leaders;

10 (C) maximize the involvement and coopera-
11 tion of rural entrepreneurs;

12 (D) involve a multidisciplinary systems ap-
13 proach; and

14 (E) involve cooperation between rural en-
15 trepreneurs, nonprofit organizations, entrepre-
16 neurial development organizations, educational
17 institutions at all levels, and government agen-
18 cies at all levels.

19 (3) PROJECT DURATION.—The Secretary may
20 approve projects to be conducted under this section
21 that have a duration of more than 1 fiscal year.

22 (d) DIVERSIFICATION OF RESEARCH.—The Secretary
23 shall conduct projects and studies under this section in
24 areas that are broadly representative of the diversity of
25 the rural areas of the United States and the diversity of

1 rural entrepreneurship in the United States, including en-
2 trepreneurship involving youth, racial groups, microenter-
3 prises, and women, with a focus on either food and other
4 agriculturally-based businesses (but not directly produc-
5 tion agriculture), or non-agricultural business.

6 (e) PROGRAM ADMINISTRATION.—The Secretary
7 shall—

8 (1) administer the programs and projects con-
9 ducted under subsection (a) through the Cooperative
10 State Research Service in close cooperation with the
11 Extension Service, Agricultural Research Service (or
12 its successor agency), and other appropriate agen-
13 cies;

14 (2) establish a minimum of 4 Regional Admin-
15 istrative Councils in accordance with subsection (f);
16 and

17 (3) with the advice of the Regional Administra-
18 tive Councils, identify the applicable regional rural
19 development center as the regional host institution
20 or organization responsible for carrying out such
21 programs or projects, or identify another regional
22 host institution where appropriate.

23 (f) REGIONAL ADMINISTRATIVE COUNCILS.—

1 (1) MEMBERSHIP.—The membership of the Re-
2 gional Administrative Councils shall include rep-
3 resentatives of—

4 (A) nonprofit organizations that are in-
5 volved in the direct services to rural entre-
6 preneurs, small businesses, and microenter-
7 prises, or that have demonstrable experience in
8 rural entrepreneurship;

9 (B) regional and state agencies involved in
10 rural economic development;

11 (C) State Cooperative Extension Services
12 in the region that are involved in providing di-
13 rect services to rural entrepreneurs, small busi-
14 nesses, and microenterprises, or to rural com-
15 munities that are engaged in entrepreneurship
16 development efforts;

17 (D) representatives from philanthropic or-
18 ganizations with a strong interest in rural en-
19 trepreneurship and rural development activities
20 in the region;

21 (E) self-employed rural entrepreneurs and
22 owners of rural small businesses with more
23 than 5 and fewer than 50 employees;

1 (F) institutions of higher education with
2 demonstrable experience in rural entrepreneur-
3 ship or related activities;

4 (G) elementary and secondary educators
5 with demonstrable experience in rural entrepre-
6 neurship;

7 (H) the director or representative of the
8 Regional Rural Development Center located in
9 the region;

10 (I) owners of rural businesses with 5 or
11 fewer employees;

12 (J) State cooperative extension services
13 with demonstrable experience in rural entrepre-
14 neurship;

15 (K) nonprofit organizations with demon-
16 strable experience in rural entrepreneurship;

17 (L) tribal governments; and

18 (M) other persons knowledgeable about
19 rural entrepreneurship and its impact on rural
20 communities.

21 (2) RESPONSIBILITIES.—The Regional Admin-
22 istrative Councils shall—

23 (A) promote the programs established
24 under this section at the regional level;

1 (B) establish goals and criteria for the se-
2 lection of projects authorized under this section
3 within the applicable region;

4 (C) appoint a technical committee to evalu-
5 ate the proposals for projects to be considered
6 for selection under this section;

7 (D) review the recommendations of the
8 technical committee, and coordinate its activi-
9 ties with the regional host institution; and

10 (E) prepare and make available an annual
11 report concerning projects funded under this
12 section, together with an evaluation of the
13 project activity.

14 (3) CONFLICT OF INTEREST.—A member of the
15 Regional Administrative Council or a technical com-
16 mittee may not participate in the discussion or rec-
17 ommendation of a proposed project if the member
18 has or had a professional or business interest in, in-
19 cluding the provision of consultancy services to, the
20 organization whose proposal is under review.

21 (4) AUTHORIZATION OF APPROPRIATIONS.—
22 There are authorized to be appropriated to carry out
23 this section \$20,000,000 for each of the fiscal years
24 2008 through 2014, to remain available until ex-
25 pended.

1 **SEC. 454. AMENDMENTS TO THE CONSOLIDATED FARM AND**
2 **RURAL DEVELOPMENT ACT RELATING TO**
3 **2002 FARM BILL PROGRAMS.**

4 (a) RURAL BUSINESS OPPORTUNITY GRANTS.—Sec-
5 tion 306(a)(11)(C) of the Consolidated Farm and Rural
6 Development Act (7 U.S.C. 1926(a)(11)(C)) is amended
7 by adding at the end the following: “In making grants
8 under this paragraph, the Secretary shall use applied re-
9 search, extension education, and demonstration project
10 approaches to assure that appropriate levels of human
11 capital investment are in place to use Federal and match-
12 ing funds most effectively to provide the greatest actual
13 impact on rural entrepreneurship and e-commerce.”.

14 (b) RURAL BUSINESS ENTERPRISE GRANTS.—Sec-
15 tion 310B(c) of the Consolidated Farm and Rural Devel-
16 opment Act (7 U.S.C. 1932(c)) is amended by adding at
17 the end the following:

18 “(4) PROGRAM APPROACHES.—In making
19 grants under this subsection, the Secretary shall, to
20 the maximum extent practicable, use applied re-
21 search, extension education, and demonstration
22 project approaches to assure that appropriate levels
23 of human capital investment are in place to use Fed-
24 eral and matching funds most effectively to provide
25 the greatest actual impact on rural entrepreneurship
26 and e-commerce.”.

1 (c) RURAL COOPERATIVE DEVELOPMENT GRANTS.—
2 Section 310B(e) of the Consolidated Farm and Rural De-
3 velopment Act (7 U.S.C. 1932(e)) is amended—

4 (1) by redesignating paragraph (9) as para-
5 graph (10); and

6 (2) by inserting after paragraph (8) the fol-
7 lowing:

8 “(9) PROGRAM APPROACHES.—In making
9 grants under this subsection, the Secretary shall, to
10 the maximum extent practicable, use applied re-
11 search, extension education, and demonstration
12 project approaches to assure that appropriate levels
13 of human capital investment are in place to use Fed-
14 eral and matching funds most effectively to provide
15 the greatest actual impact on rural entrepreneurship
16 and e-commerce.”.

17 (d) RURAL TELEWORK.—Section 379 of the Consoli-
18 dated Farm and Rural Development Act (7 U.S.C. 2008n)
19 is amended—

20 (1) by redesignating subsections (e) and (f) as
21 subsections (f) and (g), respectively; and

22 (2) by inserting after subsection (d) the fol-
23 lowing:

24 “(e) PROGRAM APPROACHES.—In making grants
25 under this section, the Secretary shall, to the maximum

1 extent practicable, use applied research, extension edu-
2 cation, and demonstration project approaches to assure
3 that appropriate levels of human capital investment are
4 in place to use Federal and matching funds most effec-
5 tively to provide the greatest actual impact on rural entre-
6 preneurship and e-commerce.”.

7 (e) RURAL BUSINESS INVESTMENT PROGRAM.—Sec-
8 tion 384C of the Consolidated Farm and Rural Develop-
9 ment Act (7 U.S.C. 2009cc-2) is amended—

10 (1) By inserting “(a) IN GENERAL .—” before
11 “In accordance”; and

12 (2) by adding at the end the following:

13 “(b) PROGRAM APPROACHES.—In carrying out this
14 subtitle, the Secretary shall, to the maximum extent prac-
15 ticable, use applied research, extension education, and
16 demonstration project approaches to assure that appro-
17 priate levels of human capital investment are in place to
18 use Federal and matching funds most effectively to pro-
19 vide the greatest actual impact on rural entrepreneurship
20 and e-commerce.”.

21 (f) MULTIJURISDICTIONAL REGIONAL PLANNING OR-
22 GANIZATIONS.—Section 306(a)(23) of the Consolidated
23 Farm and Rural Development Act (7 U.S.C. 1926(a)(23))
24 is amended—

1 (1) by redesignating subparagraphs (C), (D),
2 and (E) as subparagraphs (D), (E), and (F), respec-
3 tively; and

4 (2) by inserting after subparagraph (B) the fol-
5 lowing:

6 “(C) PROGRAM APPROACHES.—In making
7 grants under this paragraph for community de-
8 velopment planning and analysis, the Secretary
9 shall, to the maximum extent practicable, use
10 applied research, extension demonstration, and
11 outreach education approaches to assure the
12 greatest regional impact.”.

13 **Subtitle F—International Trade**

14 **SEC. 461. FAS/EXTENSION SERVICE INTERNSHIPS.**

15 Section 1458(a)(10) of the National Agricultural Re-
16 search, Extension, and Teaching Policy Act of 1977 (7
17 U.S.C. 3291(a)(10)) is amended by striking “establish”
18 and inserting “maintain”.

19 **SEC. 462. FAS INTERNSHIPS; UNIVERSITY-ASSISTED FUND- 20 **ING.****

21 (a) PURPOSE.—The purpose of this section is to es-
22 tablish a new internship program to maintain and
23 strengthen the competitiveness of the United States in
24 international agricultural trade by authorizing the Foreign
25 Agricultural Service to accept students who are enrolled

1 in agriculture and related studies in colleges and univer-
2 sities in the United States to serve as interns for limited
3 terms at FAS posts outside the United States.

4 (b) DEFINITIONS.—In this section:

5 (1) COLLEGE OR UNIVERSITY.—the term “col-
6 lege or university” means an institution of higher
7 education as defined in section 102(a) of the Higher
8 Education Act of 1965 (20 U.S.C. 1002(a)); and

9 (2) FAS.—the term “FAS” means the Foreign
10 Agricultural Service of the Department of Agri-
11 culture.

12 (c) MEMORANDA OF UNDERSTANDING.—

13 (1) IN GENERAL.—Each internship shall be
14 planned and administered in accordance with a
15 memorandum of understanding between the FAS of-
16 ficer-in- charge at the post and an appropriate sen-
17 ior academic official of the college or university
18 where the intern is a student.

19 (2) CONTENTS.—In order to assure maximum
20 benefit to the FAS office, the intern, the college or
21 university, the United States Government, and the
22 United States citizens served by the FAS, the
23 memorandum shall

24 (A) establish the procedures and terms
25 that will be followed in the relationship between

1 the FAS and the college or university over a
2 multi- year period;

3 (B) assign specific goals for the internship,
4 and responsibility for the supervision of the in-
5 tern and for the evaluation of the intern's per-
6 formance; and

7 (C) contain the assurances described in
8 subsection (e)(2) in a manner satisfactory to
9 the FAS.

10 (3) SUPERVISION.—The responsibility for su-
11 pervising and evaluating the work of an intern may
12 be shared, at the discretion of the FAS officer-in-
13 charge, with non-United States citizens employed by
14 the FAS, faculty from the cooperating college or
15 university, or other Federal Government personnel
16 outside the FAS.

17 (4) EXCHANGE OF LETTERS.—In the absence
18 of a multi-year memorandum of understanding, a
19 single internship of a specific student may be ar-
20 ranged through an exchange of letters between the
21 FAS officer-in-charge at post and the appropriate
22 senior academic official at the student's college or
23 university, specifying the terms of the internship.

24 (5) MULTIPLE AGREEMENTS.—An FAS officer-
25 in-charge may accept interns under memoranda of

1 understanding with more than one college or univer-
2 sity, and a college or university may have entered
3 into memoranda of understanding with more than
4 one FAS post. Groups of colleges or universities may
5 jointly enter into memoranda of understanding with
6 one FAS post for the placement of interns.

7 (d) FAS DUTIES.—The officer-in-charge at the FAS
8 post shall—

9 (1) provide the intern with work supervision,
10 work space, support for security clearance, creden-
11 tials, and other requirements to perform the as-
12 signed tasks for the FAS;

13 (2) assist an intern, when possible, in identi-
14 fying local housing and transportation that may be
15 available at reduced or no cost; and

16 (3) prepare interns for their expected FAS re-
17 sponsibilities based upon planning between the FAS
18 posts and cooperating universities.

19 (e) UNIVERSITY DUTIES.—The college or university
20 shall—

21 (1) select the intern, with the concurrence of
22 the FAS; and

23 (2) provide satisfactory assurances to the FAS
24 officer-in-charge at the foreign post that the intern
25 has or will be provided sufficient financial resources

1 to cover round-trip international airfare to the post,
2 medical insurance while at the post, costs of food
3 and lodging, local travel costs to and from the post,
4 and any applicable stipend, as agreed upon by the
5 FAS and the college or university.

6 (f) AUTHORIZATION OF APPROPRIATIONS.—There
7 are authorized to be appropriated to carry out this section
8 not to exceed \$1,000,000 for each of the fiscal years 2008
9 through 2014. Not more than 10 percent of funds appro-
10 priated to carry out this section in any fiscal year may
11 be used to pay administrative expenses of the FAS.

12 **SEC. 463. BORLAUG INTERNATIONAL AGRICULTURAL**
13 **SCIENCE AND TECHNOLOGY FELLOWSHIP**
14 **PROGRAM.**

15 (a) ESTABLISHMENT.—

16 (1) IN GENERAL.—The Secretary of Agriculture
17 shall establish a fellowship program to be known as
18 the “Borlaug International Agricultural Science and
19 Technology Fellowship Program,” to provide fellow-
20 ships for scientific training to individuals from eligi-
21 ble countries (as described under subsection (b))
22 who specialize in agricultural education, research
23 and extension for study in the United States.

24 (2) PROGRAMS.—The Secretary shall carry out
25 the program established under paragraph (1)

1 through 3 programs designed to assist individual fel-
2 lowship recipients as follows:

3 (A) A Graduate Studies Program in Agri-
4 culture to assist individuals who participate in
5 graduate agricultural degree training at a
6 United States institution;

7 (B) An Individual Career Improvement
8 Program to assist agricultural scientists from
9 developing countries to upgrade skills and un-
10 derstanding in agricultural science and tech-
11 nology; and

12 (C) The Borlaug Agricultural Policy Exec-
13 utive Leadership Course to assist senior agri-
14 cultural policy makers from eligible countries
15 with an initial focus on sub-Saharan Africa and
16 from the newly independent states of the former
17 Soviet Union.

18 (b) ELIGIBLE COUNTRIES.—Countries described in
19 this subsection shall be eligible to participate in the pro-
20 gram established under this section:

21 (1) LOW-INCOME COUNTRY.—A country with
22 low per capita income that receives foreign aid as-
23 sistance from the United States to promote employ-
24 ment opportunities, increase income levels and levels
25 of living, particularly in the rural areas, and to re-

1 duce rural poverty through increased agricultural
2 productivity.

3 (2) MIDDLE-INCOME COUNTRY.—A country
4 that has developed economically to the point where
5 it no longer qualifies for bilateral foreign aid assist-
6 ance from the United States because its per capita
7 income level exceeds the eligibility requirements of
8 such assistance programs (hereafter referred to in
9 this section as a “middle-income” country).

10 (3) ONGOING RELATIONSHIP.—A middle-income
11 country that has never qualified for bilateral foreign
12 aid assistance from the United States, but with re-
13 spect to which an ongoing relationship with the
14 United States, including technical assistance and
15 training, would provide mutual benefits to such
16 country and the United States.

17 (4) TYPE OF GOVERNMENT.—A country that is
18 transforming its system of government from a non-
19 representative type to a representative democracy
20 and that is encouraging democratic institution build-
21 ing, and the cultural values, institutions, and organi-
22 zations of democratic pluralism.

23 (5) INDEPENDENT STATES OF THE FORMER SO-
24 VIET UNION.—A country that is an independent
25 state of the former Soviet Union as defined in sec-

1 tion 102(8) of the Agricultural Trade Act of 1978
2 (7 U.S.C. 5602 (8)), to the extent that the Secretary
3 of Agriculture determines that the United States
4 and the country could benefit from the eligibility and
5 participation of the country in the program estab-
6 lished under this section.

7 (c) PURPOSE OF FELLOWSHIPS.—Fellowships under
8 this section shall promote food security and economic
9 growth in eligible countries by educating a new generation
10 of agricultural scientists, increasing scientific knowledge
11 and collaborative research to improve agricultural produc-
12 tivity, and extending this knowledge to users and their
13 intermediaries in the market place. Fellowships shall sup-
14 port—

15 (1) training and collaborative research opportu-
16 nities through exchanges for entry-level international
17 agricultural research scientists, faculty and policy-
18 makers from eligible countries;

19 (2) collaborative research to improve agricul-
20 tural productivity;

21 (3) the transfer of new science and agricultural
22 technologies to strengthen agricultural practice; and

23 (4) the reduction of barriers to technology
24 adoption.

25 (d) FELLOWSHIP RECIPIENTS.—

1 (1) ELIGIBLE CANDIDATES.—The Secretary
2 may provide fellowships under the program author-
3 ized by this section to individuals from eligible coun-
4 tries who specialize in or have experience in agricul-
5 tural education, research, extension, or related fields,
6 including individuals from the public and private
7 sectors, and private agricultural producers.

8 (2) CANDIDATE IDENTIFICATION.—The Sec-
9 retary shall utilize the expertise of United
10 Statesland-grant and similar universities, inter-
11 national organizations working in agricultural re-
12 search and outreach, and national agricultural re-
13 search organizations to help identify program can-
14 didates for fellowships under this section from both
15 the public and private sectors of eligible countries.

16 (e) USE OF FELLOWSHIPS.—Fellowships shall pro-
17 mote collaborative programs between agricultural profes-
18 sionals of eligible countries with those of the United States
19 and the international agricultural research system and, as
20 appropriate, with United States entities conducting re-
21 search. They will be used to support fellowship recipients
22 through the Graduate Studies Program in Agriculture es-
23 tablished under subsection (a)(2)(A).

24 (f) PROGRAM IMPLEMENTATION.—The Secretary
25 shall provide for the management, coordination, evaluation

1 and monitoring of the overall Borlaug International Agri-
2 cultural Science and Technology Fellowship Program and
3 for the individual programs described in subsection (a)(2),
4 except that the Secretary may contract out to one or more
5 collaborating universities the management of one or more
6 of the fellowship programs.

7 (g) OVERSIGHT BOARD.—The Secretary shall estab-
8 lish an oversight board to oversee activities of the Borlaug
9 International Agricultural Science and Technology Fellow-
10 ship Program. The board shall consist of—

11 (1) two representatives from the Latin Amer-
12 ican region;

13 (2) two representatives from the African region;

14 (3) two representatives from the South Asian
15 region;

16 (4) two representatives from the East Asian re-
17 gion;

18 (5) two representatives from United States
19 land-grant universities;

20 (6) two representatives from development or
21 donor organizations;

22 (7) two representatives from agricultural indus-
23 tries.

24 The board will advise the office in the Foreign Agricul-
25 tural Service of the Department of Agriculture responsible

1 for managing the program on program priorities and re-
2 lated matters, including annual priority regions and coun-
3 tries, annual priority topics for exchanges, and sources of
4 complementary funding and other alternative funding.

5 (h) AUTHORIZATION OF APPROPRIATIONS.—There
6 are authorized to be appropriated without fiscal year limi-
7 tation such sums as may be necessary to carry out the
8 program established under this section, except that the
9 amount of such funds in any fiscal year shall not exceed—

10 (1) for the Graduate Studies Program in Agri-
11 culture established under subsection (a)(2)(A),
12 \$1,250,000;

13 (2) for the Individual Career Improvement Pro-
14 gram established under subsection (a)(2)(B),
15 \$2,500,000; and

16 (3) for the Borlaug Agricultural Policy Execu-
17 tive Leadership Course established under subsection
18 (a)(2)(C), \$1,250,000.

19 (i) COMPLEMENTARY FUNDS.—If the Secretary of
20 Agriculture determines that it is advisable in furtherance
21 of the purposes of the program established under this sec-
22 tion, the Secretary may accept money, funds, property,
23 and services of every kind by gift, devise, bequest, grant,
24 or otherwise, and may, in any manner, dispose of all such
25 holdings and use the receipts generated from such disposi-

1 tion as general program funds under this section. All
2 funds so designated for the program established under this
3 section shall remain available until expended.

4 **Subtitle G—Energy**

5 **SEC. 471. PROCUREMENT OF BIOBASED PRODUCTS.**

6 Section 9002 of the Farm Security and Rural Invest-
7 ment Act of 2002 (7 U.S.C. 8102) is amended—

8 (1) by redesignating subsection (k) as sub-
9 section (m);

10 (2) by inserting after subsection (j) the fol-
11 lowing:

12 “(k) REGIONAL CENTERS.—The Secretary shall es-
13 tablish regional centers to advise and assist producers of
14 biobased products in accessing Federal agency markets for
15 those products.

16 “(l) STATE PROCUREMENT LAWS.—The Secretary
17 may provide technical and other assistance

18 “(1) to develop a model State biobased product
19 procurement law; and

20 “(2) to encourage the adoption of such laws by
21 the States.”; and

22 (3) in subsection (m), as redesignated, by strik-
23 ing “2007” and inserting “2014”.

1 **SEC. 472. BIOENERGY DEVELOPMENT GRANTS.**

2 (a) EXPANSION OF PROGRAM.—Section 9003(a) of
3 the Farm Security and Rural Investment Act of 2002 (7
4 U.S.C. 8103(a)) is amended by inserting “biomaterials,
5 and other sources of renewable energy,” before “so as to”.

6 (b) FOLLOW-UP STUDY; REAUTHORIZATION.—Sec-
7 tion 9003 of the farm security and rural investment act
8 of 2002 (7 U.S.C. 8103) is amended—

9 (1) by redesignating subsection (h) as sub-
10 section (i);

11 (2) by inserting after subsection (g) the fol-
12 lowing:

13 “(h) FOLLOW-UP STUDY.—The Secretary shall carry
14 out a study to determine—

15 “(1) which grants made under this section have
16 resulted in successful technologies or other out-
17 comes; and

18 “(2) what reasons, if any, led to the successful
19 results.”; and

20 (3) in subsection (i), as redesignated, by strik-
21 ing “2007” and inserting “2014”.

22 **SEC. 473. BIODIESEL FUEL EDUCATION AND DEVELOP-**
23 **MENT GRANTS.**

24 (a) EXPANSION OF PROGRAM.—Section 9004(a) of
25 the Farm Security and Rural Investment Act of 2002 (7
26 U.S.C. 8104(a)) is amended

1 (1) by striking “eligible entities to educate” and
2 inserting “eligible entities”—

3 “(1) to educate”; and

4 (2) by inserting before the period after “fuel
5 use” the following:

6 “(2) to assist in the development of new and
7 emerging technologies for the production of biodiesel
8 fuels”.

9 (b) **TECHNICAL AMENDMENT.**—The heading of sec-
10 tion 9004 of the Farm Security and Rural Investment Act
11 of 2002 (7 U.S.C. 8104) is amended by inserting “**AND**
12 **DEVELOPMENT**” after “**EDUCATION**”.

13 (c) **REAUTHORIZATION.**—Section 9004(d) of the
14 Farm Security and Rural Investment Act of 2002 (7
15 U.S.C. 8104(d)) is amended by striking “2007” and in-
16 serting “2014”.

17 **SEC. 474. ENERGY AUDIT AND RENEWABLE ENERGY DEVEL-**
18 **OPMENT PROGRAM.**

19 (a) **ENERGY USE PRACTICES.**—Section 9005(a) of
20 the Farm Security and Rural Investment Act of 2002 (7
21 U.S.C. 8105(a)) is amended—

22 (1) by inserting “(1) grants” before “The Sec-
23 retary”; and

24 (2) by adding at the end the following:

1 “(1) which types of grants made and which
2 types of loans made or guaranteed under this section
3 have resulted in successful outcomes; and

4 “(2) what reasons, if any, led to the successful
5 outcomes.”.

6 **SEC. 476. BIOMASS RESEARCH AND DEVELOPMENT.**

7 (a) ENHANCED COORDINATION.—Section 304 of the
8 Biomass Research and Development Act of 2000 (7
9 U.S.C. 8603) is amended by adding at the end the fol-
10 lowing:

11 “(c) ENHANCED COORDINATION.—The Secretary
12 shall direct the point of contact of the Department of Agri-
13 culture to work to achieve better coordination between
14 programs under this title and the Department of Energy’s
15 renewable energy programs.”.

16 (b) USE OF RESEARCH AND EXTENSION CENTERS.—
17 Section 307 of the Biomass Research and Development
18 Act of 2000 (7 U.S.C. 8606) is amended by adding at
19 the end the following:

20 “(h) USE OF RESEARCH AND EXTENSION CEN-
21 TERS.—

22 “(1) IN GENERAL.—The Secretary shall use the
23 services and facilities of research centers and Exten-
24 sion centers at land grant colleges and universities,
25 as defined in section 9011(b) of the Farm Security

1 and Rural Investment Act of 2002 (7 U.S.C.
2 8109(b)), to assist in carrying out this section.

3 “(2) COMPETITIVE SELECTION.—The Secretary
4 shall publish and follow competitive criteria to be
5 used for the selection of research centers and Exten-
6 sion centers under this subsection.”.

7 (c) FUNDING.—Section 310(a)(2) of the Biomass Re-
8 search and Development Act of 2000 (7 U.S.C.
9 8609(a)(2)) is amended by striking “2007” and inserting
10 “2014”.

11 (d) AUTHORIZATION.—Section 310(b) of the Biomass
12 Research and Development Act of 2000 (7 U.S.C.
13 8609(b)) is amended by striking “\$200,000,000” and in-
14 serting “\$300,000,000”.

15 **SEC. 477. COOPERATIVE RESEARCH AND EXTENSION**
16 **PROJECTS; CARBON CYCLE RESEARCH.**

17 Section 221(e) of the Agricultural Risk Protection
18 Act of 2000 (114 Stat. 407) is amended—

19 (1) by striking the heading and inserting “Ex-
20 tension and Research Funding”; and

21 (2) in paragraph (3) by striking “2007” and in-
22 serting “2014”.

1 **Subtitle H—Conservation**

2 **SEC. 1. ENVIRONMENTAL QUALITY INCENTIVES.**

3 (a) COORDINATED EFFORT.—Section 1240 of the
4 Food Security Act of 1985 (16 U.S.C. 3839aa) is amend-
5 ed—

6 (1) in paragraph (3), by inserting after “assist-
7 ance to producers” the following: “by employing all
8 applicable and appropriate departmental resources,
9 including research, technical assistance, education,
10 extension, and financial agencies and organizations,
11 in a coordinated effort”; and

12 (2) in paragraph (4), by inserting after “assist-
13 ing producers” the following: “by employing the co-
14 ordinated effort described in paragraph (3)”.

15 (b) COORDINATED EFFORT.—Section 1240B(a)(1) of
16 the Food Security Act of 1985 (16 U.S.C. 3839aa-
17 2(a)(1)) is amended by adding at the end the following:
18 “The Secretary shall work with the heads of all appro-
19 priate departmental agencies and organizations to develop
20 a coordinated effort, using an integrated team approach,
21 to provide farmers and ranchers state-of-the-art research,
22 information, technical assistance, education, extension,
23 and access to resources to implement eligible practices
24 under this chapter.”.

1 **SEC. 2. CONSERVATION TECHNICAL ASSISTANCE AND EDU-**
2 **CATION BY EXTENSION SERVICE.**

3 (a) IN GENERAL.—Section 1242 of the Food Security
4 Act of 1985 (16 U.S.C. 3842) is amended by adding at
5 the end the following new paragraph:

6 “(5) COOPERATIVE EXTENSION SERVICE.—

7 “(A) TECHNICAL SERVICE PROVIDER.—

8 The Cooperative Extension Service in each
9 State, and the appropriate officials and employ-
10 ees thereof, shall be eligible to provide technical
11 assistance to carry out programs under this
12 title, to become approved providers of technical
13 assistance, and to provide other necessary edu-
14 cational activities and materials regarding the
15 programs under this title and appropriate re-
16 lated matters to producers, eligible participants,
17 and other persons.

18 “(B) REIMBURSEMENT.—The Secretary
19 shall pay to the Cooperative Extension Service
20 in each State to compensate for the conserva-
21 tion technical assistance and related education
22 provided under this paragraph. Such payments
23 for technical assistance and education may be
24 made from

25 “(i) funds available for technical as-
26 sistance under section 1241(b);

1 “(ii) funds made available to the Nat-
2 ural Resource Conservation Service; and

3 “(iii) such other funds that may be
4 appropriated or otherwise made available
5 to the Secretary for technical assistance or
6 education regarding the programs in this
7 title, or related or similar programs.”.

8 (b) CONFORMING AMENDMENT.—Section 1241(b) of
9 the Food Security Act of 1985 (16 U.S.C. 3841) is
10 amended by adding at the end thereof the following sen-
11 tence:

12 “For the purposes of this section and section 1242,
13 technical assistance shall include the necessary education
14 regarding the programs under this title, and appropriate
15 related matters, as provided under section 1242(5).”.

16 **SEC. 3. ASSESSMENT AND REFORM OF CONSERVATION**
17 **PROGRAMS.**

18 (a) IN GENERAL.—The Secretary of Agriculture
19 (hereafter referred to as the “Secretary”) shall develop a
20 plan to coordinate land retirement, forestry, and agricul-
21 tural working land conservation programs that are admin-
22 istered by the Secretary by integrating the activities of de-
23 partmental agencies to achieve the goals of—

- 24 (1) eliminating redundancy;
25 (2) streamlining program delivery; and

1 (3) improving services provided to agricultural
2 producers, including the provision of science-based
3 technical assistance through integrated interagency
4 programs of research, education, and extension.

5 (b) CONSULTATION.—The Secretary shall consult
6 with the Under Secretaries in the Department of Agri-
7 culture to develop a plan of strategic research, education,
8 and extension programs to ensure that the goals outlined
9 by the programs described in subsection (a) can be
10 achieved in an integrated and highly focused manner that
11 includes determination of national priorities, cost sharing,
12 and collaborative management. The Under Secretaries
13 shall ensure that the Department’s programmatic re-
14 sources and partnerships available within their areas of
15 responsibility are involved in the development and imple-
16 mentation of the strategic plan.

17 (c) REPORT.—Not later than September 30, 2008,
18 the Secretary shall submit to the Committee on Agri-
19 culture of the House of Representatives and the Com-
20 mittee on Agriculture, Nutrition, and Forestry of the Sen-
21 ate, a report that describes—

22 (1) the plans developed under subsections (a)
23 and (b); and

1 (2) the means by which the Secretary intends
2 to achieve the goals described in subsections (a) and
3 (b).