H. R. 2965

IN THE SENATE OF THE UNITED STATES

July 9, 2009 Received

AN ACT

To amend the Small Business Act with respect to the Small Business Innovation Research Program and the Small Business Technology Transfer Program, 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 "Enhancing Small Business Research and Innovation Act
- 4 of 2009".
- 5 (b) Table of Contents for
- 6 this Act is as follows:
 - Sec. 1. Short title; table of contents.

TITLE I—PROGRAM EXTENSION AND VENTURE CAPITAL OPERATING COMPANY INVOLVEMENT

- Sec. 101. Extension of termination dates.
- Sec. 102. Ensuring that innovative small businesses with substantial investment from venture capital operating companies are able to participate in the SBIR and STTR programs.

TITLE II—COMMERCIALIZATION ACTIVITIES AND RESEARCH TOPICS DESERVING SPECIAL CONSIDERATION

- Sec. 201. Focus on commercialization.
- Sec. 202. Inclusion of renewable energy-related research topics and rare disease-related research topics as deserving "special consideration" as SBIR research topics.
- Sec. 203. Nanotechnology-related research topics.
- Sec. 204. Clarifying the definition of "Phase Three".
- Sec. 205. Agency research goals.
- Sec. 206. Commercialization programs.

TITLE III—RURAL DEVELOPMENT AND OUTREACH

- Sec. 301. Outreach and support activities.
- Sec. 302. Preferences.
- Sec. 303. Obtaining SBIR applicant's consent to release contact information to economic development organizations.
- Sec. 304. Increased partnerships between SBIR awardees and prime contractors, venture capital investment companies, and larger businesses.

TITLE IV—SBIR AND STTR ENHANCEMENT

- Sec. 401. Increased number of research topic solicitations annually and shortened period for final decisions on applications.
- Sec. 402. Agencies should fund vital R&D projects with the potential for commercialization.
- Sec. 403. Federal agency engagement with SBIR awardees that have been awarded multiple Phase One awards but have not been awarded Phase Two awards.
- Sec. 404. Funding for administrative, oversight, and contract processing costs.
- Sec. 405. Comptroller general audit of how Federal agencies calculate extramural research budgets.

- Sec. 406. Agency databases to support program evaluation.
- Sec. 407. Agency databases to support technology utilization.
- Sec. 408. Interagency Policy Committee.
- Sec. 409. National Research Council SBIR Study.
- Sec. 410. Express authority to "fast-track" Phase Two awards for promising Phase One research.
- Sec. 411. Increased SBIR and STTR award levels.
- Sec. 412. Express authority for an agency to award sequential Phase Two awards for SBIR-funded projects.
- Sec. 413. First phase required.
- Sec. 414. Involvement of Chief Counsel for Advocacy.
- Sec. 415. Minority institution program.
- Sec. 416. Areas that have lost a major source of employment.
- Sec. 417. Enhancing veteran participation in SBIR.
- Sec. 418. Veteran preference.
- Sec. 419. Medical technology.

TITLE V—IMPROVING WATER USE AND TRANSMISSION TECHNOLOGY

Sec. 501. Improving water use and transmission technology.

TITLE VI—GAO STUDY WITH RESPECT TO VENTURE CAPITAL OPERATING COMPANY INVOLVEMENT

Sec. 601. GAO study with respect to venture capital operating company involvement.

1 TITLE I—PROGRAM EXTENSION

- 2 AND VENTURE CAPITAL OP-
- 3 ERATING COMPANY INVOLVE-
- 4 MENT
- 5 SEC. 101. EXTENSION OF TERMINATION DATES.
- 6 (a) SBIR.—Section 9(m) of the Small Business Act
- 7 (15 U.S.C. 638(m)) is amended by striking "2008" and
- 8 inserting "2011".
- 9 (b) STTR.—Section 9(n)(1)(A) of the Small Busi-
- 10 ness Act (15 U.S.C. 638(n)(1)(A)) is amended by striking
- 11 "2009" and inserting "2011".

1	SEC. 102. ENSURING THAT INNOVATIVE SMALL BUSI-
2	NESSES WITH SUBSTANTIAL INVESTMENT
3	FROM VENTURE CAPITAL OPERATING COM-
4	PANIES ARE ABLE TO PARTICIPATE IN THE
5	SBIR AND STTR PROGRAMS.
6	Section 9 of the Small Business Act (15 U.S.C. 638)
7	is amended by adding at the end the following:
8	"(aa) Venture Capital Operating Companies.—
9	Effective only for the SBIR and STTR programs the fol-
10	lowing shall apply:
11	"(1) A business concern that has more than
12	500 employees shall not qualify as a small business
13	concern.
14	"(2) In determining whether a small business
15	concern is independently owned and operated under
16	section 3(a)(1) or meets the small business size
17	standards instituted under section 3(a)(2), the Ad-
18	ministrator shall not consider a business concern to
19	be affiliated with a venture capital operating com-
20	pany (or with any other business that the venture
21	capital operating company has financed) if—
22	"(A) the venture capital operating com-
23	pany does not own 50 percent or more of the
24	business concern; and

1	"(B) employees of the venture capital oper-
2	ating company do not constitute a majority of
3	the board of directors of the business concern.
4	"(3) A business concern shall be deemed to be
5	'independently owned and operated' if—
6	"(A) it is owned in majority part by one or
7	more natural persons or venture capital oper-
8	ating companies;
9	"(B) there is no single venture capital op-
10	erating company that owns 50 percent or more
11	of the business concern; and
12	"(C) there is no single venture capital op-
13	erating company the employees of which con-
14	stitute a majority of the board of directors of
15	the business concern.
16	"(4) If a venture capital operating company
17	controlled by a business with more than 500 employ-
18	ees (in this paragraph referred to as a 'VCOC under
19	large business control') has an ownership interest in
20	a small business concern that is owned in majority
21	part by venture capital operating companies, the
22	small business concern is eligible to receive an award
23	under the SBIR or STTR program only if—

1	"(A) not more than two VCOCs under
2	large business control have an ownership inter-
3	est in the small business concern; and
4	"(B) the VCOCs under large business con-
5	trol do not collectively own more than 20 per-
6	cent of the small business concern.
7	"(5) The term 'venture capital operating com-
8	pany' means a business concern—
9	"(A) that—
10	"(i) is a Venture Capital Operating
11	Company, as that term is defined in regu-
12	lations promulgated by the Secretary of
13	Labor; or
14	"(ii) is an entity that—
15	"(I) is registered under the In-
16	vestment Company Act of 1940 (15
17	U.S.C. 80a-51 et seq.); or
18	"(II) is an investment company,
19	as defined in subsection $(a)(1)$ of sec-
20	tion 3 of such Act (15 U.S.C. 80a-3),
21	which is not registered under such Act
22	because of an exemption under sub-
23	section $(c)(1)$ or subsection $(c)(7)$ of
24	such section; and

1	"(B) that is itself organized or incor-
2	porated and domiciled in the United States, or
3	is controlled by a business concern that is incor-
4	porated and domiciled in the United States.".
5	TITLE II—COMMERCIALIZATION
6	ACTIVITIES AND RESEARCH
7	TOPICS DESERVING SPECIAL
8	CONSIDERATION
9	SEC. 201. FOCUS ON COMMERCIALIZATION.
10	Section 9(a) of the Small Business Act (15 U.S.C.
11	638(a)) is amended by adding at the end the following:
12	"It is further the policy of Congress that the programs
13	established in this section should focus on promoting re-
14	search and development of projects governed by commer-
15	cial business plans, which have significant potential to
16	produce products or services for the marketplace or for
17	acquisition by Federal agencies.".
18	SEC. 202. INCLUSION OF RENEWABLE ENERGY-RELATED
19	RESEARCH TOPICS AND RARE DISEASE-RE-
20	LATED RESEARCH TOPICS AS DESERVING
21	"SPECIAL CONSIDERATION" AS SBIR RE-
22	SEARCH TOPICS.
23	Section 9(g)(3) of the Small Business Act (15 U.S.C.
24	638(g)(3)) is amended—

1	(1) in the matter preceding subparagraph (A)
2	by inserting after "critical technologies" the fol-
3	lowing: "or pressing research priorities (including re-
4	newable energy-related technologies)";
5	(2) in subparagraph (A) by striking "or" at the
6	end; and
7	(3) by adding at the end the following:
8	"(C) the National Academy of Sciences, in
9	the final report issued by the 'America's Energy
10	Future: Technology Opportunities, Risks, and
11	Tradeoffs' project, and in subsequent reports
12	issued by the National Academy of Sciences on
13	sustainability, energy, and alternative fuels;
14	"(D) the National Institutes of Health, in
15	the annual report on the rare diseases research
16	activities of the National Institutes of Health
17	for fiscal year 2005, and in subsequent reports
18	issued by the National Institutes of Health on
19	rare diseases research activities; or
20	"(E) the National Academy of Sciences, in
21	the final report issued by the 'Transit Research
22	and Development: Federal Role in the National
23	Program' project and the 'Transportation Re-
24	search, Development and Technology Strategic

Plan (2006–2010)' issued by the United States

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1 Department of Transportation Research and 2 Innovative Technology Administration, and in 3 subsequent reports issued by the National 4 Academy of Sciences and United States Depart-5 ment of Transportation on transportation and 6 infrastructure;". 7 SEC. 203. NANOTECHNOLOGY-RELATED RESEARCH TOPICS. 8 (a) SBIR.—Section 9(g)(3) of the Small Business Act (15 U.S.C. 638(g)(3)), as amended, is further amended— 10 11 (1) in subparagraph (D) by striking "or" at the 12 end; (2) in subparagraph (E) by adding "or" at the 13 14 end; and 15 (3) by adding at the end the following: 16 "(F) the national nanotechnology strategic 17 plan required under section 2(c)(4) of the 21st 18 Century Nanotechnology Research and Develop-19 ment Act (15 U.S.C. 7501(c)(4)) and in subse-20 quent reports issued by the National Science 21 and Technology Council Committee on Tech-22 nology, focusing on areas of nanotechnology 23 identified in such plan;". 24 (b) STTR.—Section 9(o)(3) of the Small Business Act (15 U.S.C. 638(o)(3)) is amended—

1	(1) in subparagraph (A) by striking "or" at the
2	end;
3	(2) in subparagraph (B) by adding "or" at the
4	end; and
5	(3) by adding at the end the following:
6	"(C) by the national nanotechnology stra-
7	tegic plan required under section 2(c)(4) of the
8	21st Century Nanotechnology Research and De-
9	velopment Act (15 U.S.C. 7501(c)(4)) and in
10	subsequent reports issued by the National
11	Science and Technology Council Committee on
12	Technology, focusing on areas of nanotechnol-
13	ogy identified in such plan;".
14	SEC. 204. CLARIFYING THE DEFINITION OF "PHASE
15	THREE".
16	Section 9(e) of the Small Business Act (15 U.S.C.
17	638(e)) is amended—
18	(1) in paragraph (4)(C) in the matter preceding
19	clause (i) by inserting after "a third phase" the fol-
20	lowing: ", which shall consist of work that derives
21	from, extends, or logically concludes efforts per-
22	formed under prior SBIR funding agreements
23	(which may be referred to as 'Phase III')";
24	(2) in paragraph (8) by striking "and" at the

1	(3) in paragraph (9) by striking the period at
2	the end and inserting "; and"; and
3	(4) by adding at the end the following:
4	"(10) the term 'commercialization' means the
5	process of developing marketable products or serv-
6	ices and producing and delivering products or serv-
7	ices for sale (whether by the originating party or by
8	others) to government or commercial markets.".
9	SEC. 205. AGENCY RESEARCH GOALS.
10	Section 9 of the Small Business Act (15 U.S.C. 638)
11	as amended, is further amended by striking subsection (h)
12	and inserting the following:
13	"(h) AGENCY RESEARCH GOALS.—
14	"(1) In general.—In addition to the require-
15	ments of subsection (f), each Federal agency that is
16	required by this section to have an SBIR program
17	and that awards annually \$5,000,000,000 or more
18	in procurement contracts shall, effective for fiscal
19	year 2010 and each fiscal year thereafter, establish
20	annual goals for commercialization of projects fund-
21	ed by SBIR awards.
22	"(2) Specific goals.—The goals required by
23	paragraph (1) shall include specific goals for each of
24	the following:

1	"(A) The percentage of SBIR projects that
2	receive funding for the third phase (as defined
3	in subsection $(e)(4)(C)$.
4	"(B) The percentage of SBIR projects that
5	are successfully integrated into a program of
6	record.
7	"(C) The amount of Federal dollars re-
8	ceived by SBIR projects through Federal con-
9	tracts, not including dollars received through
10	the SBIR program.
11	"(3) Submission to committees.—For each
12	fiscal year for which goals are required by paragraph
13	(1), the agency shall submit to the Committee on
14	Small Business and the Committee on Science and
15	Technology of the House of Representatives and the
16	Committee on Small Business and Entrepreneurship
17	of the Senate—
18	"(A) not later than 60 days after the be-
19	ginning of the fiscal year, the goals; and
20	"(B) not later than 90 days after the end
21	of the fiscal year, data on the extent to which
22	the goals were met, a description of the meth-
23	odology used to collect such data, and a de-
24	scription of the reasons why the goals were met
25	or not met.".

SEC. 206. COMMERCIALIZATION PROGRAMS.

2	Section	9	of the	Small	Business	Act	(15)	U.S.C.	638)

3 as amended, is further amended, by adding at the end the

4 following:

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"(bb) Commercialization Programs.—

"(1) In General.—Each agency required by this section to conduct an SBIR program shall establish a commercialization program that supports the progress of SBIR awardees to the third phase. The commercialization program may include activities such as partnership databases, partnership conferences, multiple second phases, mentoring between prime contractors and SBIR awardees, multiple second phases with matching private investment requirements, jumbo awards, SBIR helpdesks, and transition assistance programs. The agency shall include in its annual report an analysis of the various activities considered for inclusion in the commercialization program and a statement of the reasons why each activity considered was included or not included, as the case may be.

"(2) SPACE SHUTTLE PROGRAM.—Each agency required to establish a commercialization program under paragraph (1) and that carries out construction, assembly, or research and development activities with respect to the space shuttle program (also

known as the space transportation system) shall include, as part of such commercialization program, activities to assist small business concerns affected by the termination of the space shuttle program to commercialize technologies through SBIR. Activities to assist such small business concerns may include activities described in paragraph (1) and other activities to assist small business concerns making the transition from work relating to the space shuttle program to work in related or unrelated industries.

"(3) Funding for commercialization programs.—

"(A) IN GENERAL.—From amounts made available to carry out this paragraph, the Administrator may, on petition by agencies required by this section to conduct an SBIR program, transfer funds to such agencies to support the commercialization programs of such agencies.

"(B) Petitions.—The Administrator shall establish rules for making transfers under subparagraph (A). The initial set of rules shall be promulgated not later than 90 days after the date of the enactment of this paragraph.

1	"(C) Authorization of Appropria-
2	TIONS.—There is authorized to be appropriated
3	to the Administrator to carry out this para-
4	graph $\$27,500,000$ for fiscal year 2010 and
5	each fiscal year thereafter.
6	"(4) Funding Limitation.—For payment of
7	expenses incurred to administer the commercializa-
8	tion programs described in this subsection, the head
9	of an agency may use not more than an amount
10	equal to 1 percent of the funds set aside for the
11	agency's Small Business Innovation Research pro-
12	gram. Such funds—
13	"(A) shall not be subject to the limitations
14	on the use of funds in subsection $(f)(2)$; and
15	"(B) shall not be used for the purpose of
16	funding costs associated with salaries and ex-
17	penses of employees of the Federal Govern-
18	ment.".
19	TITLE III—RURAL
20	DEVELOPMENT AND OUTREACH
21	SEC. 301. OUTREACH AND SUPPORT ACTIVITIES.
22	Section 9 of the Small Business Act (15 U.S.C. 638),
23	as amended, is further amended by inserting after sub-
24	section (r) the following:
25	"(s) Outreach and Support Activities —

1	"(1) In general.—Subject to the other provi-
2	sions of this subsection, the Administrator shall
3	make grants on a competitive basis to organizations,
4	to be used by the organizations to do one or both
5	of the following:
6	"(A) To conduct outreach efforts to in-
7	crease participation in the programs under this
8	section.
9	"(B) To provide application support and
10	entrepreneurial and business skills support to
11	prospective participants in the programs under
12	this section.
13	"(2) Authorization of appropriations.—
14	There is authorized to be appropriated to the Ad-
15	ministrator \$10,000,000 to carry out paragraph (1)
16	for each of fiscal years 2010 and 2011.
17	"(3) Amount of assistance.—For each of
18	subparagraphs (A) and (B) of paragraph (1), the
19	amount of assistance provided to an organization
20	under that subparagraph in any fiscal year—
21	"(A) shall be equal to the total amount of
22	matching funds from non-Federal sources pro-
23	vided by the organization; and
24	"(B) shall not exceed \$250,000.

1	"(4) Direction.—An organization receiving
2	funds under paragraph (1) shall, in using those
3	funds, direct its activities at one or more of the fol-
4	lowing:
5	"(A) Small business concerns located in
6	geographic areas that are underrepresented in
7	the programs under this section.
8	"(B) Small business concerns owned and
9	controlled by women, small business concerns
10	owned and controlled by service-disabled vet-
11	erans, and small business concerns owned and
12	controlled by minorities.
13	"(C) Small business concerns owned and
14	controlled by Native Americans.
15	"(D) Small business concerns located in
16	geographic areas with an unemployment rate
17	that exceeds the national unemployment rate.
18	"(5) Advisory board.—
19	"(A) Establishment.—Not later than 90
20	days after the date of the enactment of this
21	subsection, the Administrator shall establish an
22	advisory board for the activities carried out
23	under this subsection.

1	"(B) Non-applicability of faca.—The
2	Federal Advisory Committee Act (5 U.S.C.
3	App.) shall not apply to the advisory board.
4	"(C) Members.—The members of the ad-
5	visory board shall include the following:
6	"(i) The Administrator (or the Ad-
7	ministrator's designee).
8	"(ii) For each Federal agency re-
9	quired by this section to conduct an SBIR
10	program, the head of the agency (or the
11	designee of the head of the agency).
12	"(iii) Representatives of small busi-
13	ness concerns that are current or former
14	recipients of SBIR awards, or representa-
15	tives of organizations of such concerns.
16	"(iv) Representatives of service pro-
17	viders of SBIR outreach and assistance, or
18	representatives of organizations of such
19	service providers.
20	"(D) Duties.—The advisory board shall
21	have the following duties:
22	"(i) To develop guidelines for awards
23	under paragraph (1), including guidelines
24	relating to award sizes, proposal require-
25	ments, measures for monitoring awardee

1	performance, and measures for deter-
2	mining the overall value of the activities
3	carried out by the awardees.
4	"(ii) To identify opportunities for co-
5	ordinated outreach, technical assistance,
6	and commercialization activities among
7	Federal agencies, the recipients of the
8	awards under paragraph (1), and appli-
9	cants and recipients of SBIR awards, in-
10	cluding opportunities such as—
11	"(I) podcasting or webcasting for
12	conferences, training workshops, and
13	other events;
14	"(II) shared online resources to
15	match prospective applicants with the
16	network of paragraph (1) recipients;
17	and
18	"(III) venture capital conferences
19	tied to technologies and sectors that
20	cross agencies.
21	"(iii) To review and recommend revi-
22	sions to activities under paragraph (1).
23	"(iv) To submit to the Committee on
24	Small Business and Entrepreneurship of
25	the Senate and the Committee on Small

1	Business and the Committee on Science
2	and Technology of the House of Represent-
3	atives an annual report on the activities
4	carried out under paragraph (1) and the
5	effectiveness and impact of those activities.
6	"(6) Selection criteria.—In awarding
7	grants under this subsection, the Administrator shall
8	use selection criteria developed by the advisory board
9	established under paragraph (5). The criteria shall
10	include—
11	"(A) criteria designed to give preference to
12	applicants who propose to carry out activities
13	that will reach either an underperforming geo-
14	graphic area (including geographic areas with
15	an unemployment rate that exceeds the national
16	unemployment rate) or an underrepresented
17	population group (as measured by the number
18	of SBIR applicants);
19	"(B) criteria designed to give preference:
20	(i) to applicants serving underrepresented
21	States and regions; and (ii) to applicants who
22	are women-, service-disabled veterans-, or mi-
23	nority-owned.
24	"(C) criteria designed to give preference to
25	applicants who propose to carry out activities

1	that complement, and are integrated into, the
2	existing public-private innovation support sys-
3	tem for the targeted region or population;
4	"(D) criteria designed to give preference to
5	applicants who propose to measure the effec-
6	tiveness of the proposed activities; and
7	"(E) criteria designed to give preference to
8	applicants who include a Small Business Devel-
9	opment Center program that is accredited for
10	its technology services.
11	"(7) Peer review.—In awarding grants under
12	this subsection, the Administrator shall use a peer
13	review process. Reviewers shall include—
14	"(A) SBIR program managers for agencies
15	required by this section to conduct SBIR pro-
16	grams; and
17	"(B) private individuals and organizations
18	that are knowledgeable about SBIR, the innova-
19	tion process, technology commercialization, and
20	State and regional technology-based economic
21	development programs.
22	"(8) Per-state limitations.—
23	"(A) In general.—To be eligible to re-
24	ceive a grant under this subsection, the appli-
25	cant must have the written endorsement of the

Governor of the State where the targeted regions or populations are located (if the regions or populations are located in more than one State, the applicant must have the written endorsement of the Governor of each such State). Such an endorsement must indicate that the Governor will ensure that the activities to be carried out under the grant will be integrated with the balance of the State's portfolio of investments to help small business concerns commercialize technology.

- "(B) LIMITATION.—Each fiscal year, a Governor may have in effect not more than one written endorsement for a grant under paragraph (1)(A), and not more than one written endorsement for a grant under paragraph (1)(B).
- "(9) Specific requirements for awards.—
 In making awards under paragraph (1) the Administrator shall ensure that each award shall be for a period of 2 fiscal years. The Administrator shall establish rules and performance goals for the disbursement of funds for the second fiscal year, and funds shall not be disbursed to a recipient for such a fiscal year until after the advisory board established under

- 1 this subsection has determined that the recipient is
- 2 in compliance with the rules and performance
- 3 goals.".
- 4 SEC. 302. PREFERENCES.
- 5 Section 9 of the Small Business Act (15 U.S.C. 638),
- 6 as amended, is further amended by adding at the end the
- 7 following:
- 8 "(cc) Preferences.—In making awards under this
- 9 section, Federal agencies shall give priority to applications
- 10 so as to increase the number of SBIR and STTR award
- 11 recipients that are from areas with an unemployment rate
- 12 that exceeds the national unemployment rate, that are
- 13 from rural areas, or that are small business concerns
- 14 owned and controlled by Native Americans. The Adminis-
- 15 trator shall submit an annual report to Congress setting
- 16 forth how many small business concerns owned and con-
- 17 trolled by Native Americans were recipients of assistance
- 18 under this section.".
- 19 SEC. 303. OBTAINING SBIR APPLICANT'S CONSENT TO RE-
- 20 LEASE CONTACT INFORMATION TO ECO-
- 21 NOMIC DEVELOPMENT ORGANIZATIONS.
- Section 9 of the Small Business Act (15 U.S.C. 638),
- 23 as amended, is further amended by adding at the end the
- 24 following:

1	"(dd) Consent To Release Contact Informa-
2	TION TO ORGANIZATIONS.—
3	"(1) Enabling concern to give consent.—
4	Each Federal agency required by this section to con-
5	duct an SBIR program shall enable a small business
6	concern that is an SBIR applicant to indicate to the
7	agency whether the agency has its consent to—
8	"(A) identify the concern to appropriate
9	local and State-level economic development or-
10	ganizations as an SBIR applicant; and
11	"(B) release the concern's contact informa-
12	tion to such organizations.
13	"(2) Rules.—The Administrator shall estab-
14	lish rules to implement this subsection. The rules
15	shall include a requirement that the agency include
16	in its SBIR application forms a provision through
17	which the applicant can indicate consent for pur-
18	poses of paragraph (1).".
19	SEC. 304. INCREASED PARTNERSHIPS BETWEEN SBIR
20	AWARDEES AND PRIME CONTRACTORS, VEN-
21	TURE CAPITAL INVESTMENT COMPANIES,
22	AND LARGER BUSINESSES.
23	Section 9 of the Small Business Act (15 U.S.C. 638),
24	as amended, is further amended by adding at the end the
25	following:

"(ee) Increased Partnerships.—

- "(1) IN GENERAL.—Each agency required by this section to conduct an SBIR program shall establish initiatives by which the agency encourages partnerships between SBIR awardees and prime contractors, venture capital investment companies, business incubators, and larger businesses, for the purpose of facilitating the progress of the SBIR awardees to the third phase.
 - "(2) Definition.—In this subsection, the term 'business incubator' means an entity that provides coordinated and specialized services to entrepreneurial businesses which meet selected criteria during the businesses' startup phases, including providing services such as shared office space and office services, access to equipment, access to telecommunications and technology services, flexible leases, specialized management assistance, access to financing, mentoring and training services, or other coordinated business or technical support services designed to provide business development assistance to entrepreneurial businesses during these businesses' startup phases.".

1	TITLE IV—SBIR AND STTR
2	ENHANCEMENT
3	SEC. 401. INCREASED NUMBER OF RESEARCH TOPIC SO-
4	LICITATIONS ANNUALLY AND SHORTENED
5	PERIOD FOR FINAL DECISIONS ON APPLICA-
6	TIONS.
7	(a) Increased Number of Research Topic So-
8	LICITATIONS ANNUALLY.—Section 9(g)(2) of the Small
9	Business Act (15 U.S.C. 638(g)(2)) is amended by insert-
10	ing before the semicolon at the end the following: ", but
11	not less often than twice per year".
12	(b) Shortened Period for Final Decisions on
13	APPLICATIONS.—Section 9(g)(4) of the Small Business
14	Act (15 U.S.C. 638(g)(4)) is amended by inserting before
15	the semicolon at the end the following: ", but a final deci-
16	sion on each proposal shall be rendered not later than 90
17	days after the date on which the solicitation closes unless
18	the Administrator determines, on a case by case basis,
19	that a decision may be extended from 90 days to 180
20	days".

1	SEC. 402. AGENCIES SHOULD FUND VITAL R&D PROJECTS
2	WITH THE POTENTIAL FOR COMMERCIALIZA-
3	TION.
4	Section 9 of the Small Business Act (15 U.S.C. 638),
5	as amended, is further amended by adding at the end the
6	following:
7	"(ff) Multiple First Phase SBIR Awards Re-
8	PORT.—The Administrator shall, on an annual basis, sub-
9	mit to the Committee on Small Business and the Com-
10	mittee on Science and Technology of the House of Rep-
11	resentatives and the Committee on Small Business and
12	Entrepreneurship of the Senate a list identifying each
13	small business concern that, for the period covered by the
14	preceding 5 fiscal years, received 15 or more first phase
15	SBIR awards and no second phase SBIR awards.".
16	SEC. 403. FEDERAL AGENCY ENGAGEMENT WITH SBIR
17	AWARDEES THAT HAVE BEEN AWARDED MUL-
18	TIPLE PHASE ONE AWARDS BUT HAVE NOT
19	BEEN AWARDED PHASE TWO AWARDS.
20	Section 9 of the Small Business Act (15 U.S.C. 638),
21	as amended, is further amended by adding at the end the
22	following:
23	"(gg) Requirements Relating to Federal
24	AGENCY ENGAGEMENT WITH CERTAIN FIRST PHASE
25	SBIR AWARDEES.—Each Federal agency required by this
26	section to conduct an SBIR program shall engage with

- 1 SBIR awardees that have been awarded multiple first
- 2 phase SBIR awards but have not been awarded any sec-
- 3 ond phase SBIR awards and shall develop performance
- 4 measures with respect to awardee progression in the SBIR
- 5 program.".
- 6 SEC. 404. FUNDING FOR ADMINISTRATIVE, OVERSIGHT,
- 7 AND CONTRACT PROCESSING COSTS.
- 8 Section 9 of the Small Business Act (15 U.S.C. 638),
- 9 as amended, is further amended by adding at the end the
- 10 following:
- 11 "(hh) Assistance for Administrative, Over-
- 12 SIGHT, AND CONTRACT PROCESSING COSTS.—
- 13 "(1) In general.—From amounts made avail-
- able to carry out this subsection, the Administrator
- may, on petition by Federal agencies required by
- this section to conduct an SBIR program, transfer
- funds to such agencies to assist with the administra-
- tive, oversight, and contract processing costs relating
- to such program.
- 20 "(2) Petitions.—The Administrator shall es-
- 21 tablish rules for making transfers under paragraph
- 22 (1). The initial set of rules shall be promulgated not
- later than 180 days after the date of the enactment
- of this subsection.

1	"(3) Limit on transfer.—A Federal agency
2	may not receive under this subsection in a fiscal
3	year an amount greater than 3 percent of the SBIR
4	budget of such agency for such fiscal year.
5	"(4) Authorization of appropriations.—
6	There is authorized to be appropriated to the Ad-
7	ministrator to carry out this subsection \$27,500,000
8	for each of fiscal years 2010 and 2011.".
9	SEC. 405. COMPTROLLER GENERAL AUDIT OF HOW FED-
10	ERAL AGENCIES CALCULATE EXTRAMURAL
11	RESEARCH BUDGETS.
12	The Comptroller General of the United States shall
13	carry out a detailed audit of how Federal agencies cal-
14	culate extramural research budgets for purposes of calcu-
15	lating the size of the agencies' Small Business Innovation
16	Research Program and Small Business Technology Trans-
17	fer Program budgets. Not later than 1 year after the date
18	of the enactment of this Act, the Comptroller General shall
19	submit to the Committee on Small Business and the Com-
20	mittee on Science and Technology of the House of Rep-
21	resentatives and the Committee on Small Business and
22	Entrepreneurship of the Senate a report on the results
23	of the audit.

1	SEC. 406. AGENCY DATABASES TO SUPPORT PROGRAM
2	EVALUATION.
3	Section 9(k) of the Small Business Act (15 U.S.C.
4	638(k)) is amended—
5	(1) in paragraph $(2)(A)$ —
6	(A) by striking "and" at the end of clause
7	(ii);
8	(B) by inserting "and" at the end of clause
9	(iii); and
10	(C) by adding at the end the following new
11	clause:
12	"(iv) information on the ownership
13	structure of award recipients, both at the
14	time of receipt of the award and upon com-
15	pletion of the award period;";
16	(2) by amending paragraph (3) to read as fol-
17	lows:
18	"(3) Updating information for data-
19	BASE.—
20	"(A) IN GENERAL.—A Federal agency
21	shall not make a Phase I or Phase II payment
22	to a small business concern under this section
23	unless the small business concern has provided
24	all information required under this subsection
25	and available at the time with respect to the
26	award under which the payment is made, and

1	with respect to any other award under this sec-
2	tion previously received by the small business
3	concern or a predecessor in interest to the small
4	business concern.
5	"(B) Apportionment.—In complying
6	with this paragraph, a small business concern
7	may apportion sales or additional investment
8	information relating to more than one second
9	phase award among those awards, if it notes
10	the apportionment for each award.
11	"(C) Annual updates upon termi-
12	NATION.—A small business concern receiving an
13	award under this section shall—
14	"(i) in the case of a second phase
15	award, update information in the data-
16	bases required under paragraphs (2) and
17	(6) concerning that award at the termi-
18	nation of the award period;
19	"(ii) in the case of award recipients
20	not described in clause (iii), be requested
21	to voluntarily update such information an-
22	nually thereafter for a period of 5 years;
23	and
24	"(iii) in the case of a small business
25	concern applying for a subsequent first

1	phase or second phase award, be required
2	to update such information annually there-
3	after for a period of 5 years."; and
4	(3) by adding at the end the following new
5	paragraph:
6	"(6) Agency program evaluation data-
7	BASES.—Each Federal agency required to establish
8	an SBIR or STTR program under this section shall
9	develop and maintain, for the purpose of evaluating
10	such programs, a database containing information
11	required to be contained in the database under para-
12	graph (2). Each such database shall be designed to
13	be accessible to other agencies that are required to
14	maintain a database under this paragraph. Each
15	such database shall be developed and operated in a
16	manner to ensure that each such database is rel-
17	evant to and contributes to the agency's oversight
18	and evaluation of the SBIR and STTR programs.
19	Paragraphs (4) and (5) apply to each database
20	under this paragraph.".
21	SEC. 407. AGENCY DATABASES TO SUPPORT TECHNOLOGY
22	UTILIZATION.
23	Section 9(k) of the Small Business Act (15 U.S.C.
24	638(k)), as amended, is further amended by adding at the

end the following new paragraph:

1 "(7) Agency databases to support tech-2 NOLOGY UTILIZATION.—Each Federal agency with 3 an SBIR or STTR program shall create and maintain a technology utilization database, which shall be 5 available to the public and shall contain data sup-6 plied by the award recipients specifically to help 7 them attract customers for the products and services 8 generated under the SBIR or STTR project, and to 9 attract additional investors and business partners. 10 Each database created under this paragraph shall 11 include information on the other databases created 12 under this paragraph by other Federal agencies. 13 Participation in a database under this paragraph 14 shall be voluntary, except that such participation is 15 required of all award recipients who received supple-16 mental payments from SBIR and STTR program 17 funds above their initial Phase II award. Each data-18 base created under this paragraph shall be developed 19 and operated in a manner to ensure that each such 20 database is relevant to and contributes to the agen-21 cy's oversight and evaluation of the SBIR and 22 STTR programs.".

23 SEC. 408. INTERAGENCY POLICY COMMITTEE.

(a) ESTABLISHMENT.—The Director of the Office ofScience and Technology Policy shall establish an Inter-

- 1 agency SBIR/STTR Policy Committee comprised of one
- 2 representative from each Federal agency with an SBIR
- 3 program and the Office of Management and Budget.
- 4 (b) Cochairs.—The Director of the Office of Science
- 5 and Technology Policy and the Director of the National
- 6 Institute of Standards and Technology shall jointly chair
- 7 the Interagency SBIR/STTR Policy Committee.
- 8 (c) Duties.—The Interagency SBIR/STTR Policy
- 9 Committee shall review the following issues and make pol-
- 10 icy recommendations on ways to improve program effec-
- 11 tiveness and efficiency:
- 12 (1) The public and government databases de-
- scribed in section 9(k) (1) and (2) of the Small
- 14 Business Act (15 U.S.C. 638(k) (1) and (2)).
- 15 (2) Federal agency flexibility in establishing
- Phase I and II award sizes, and appropriate criteria
- 17 to exercise such flexibility.
- 18 (3) Commercialization assistance best practices
- in Federal agencies with significant potential to be
- employed by other agencies, and the appropriate
- 21 steps to achieve that leverage, as well as proposals
- for new initiatives to address funding gaps business
- concerns face after Phase II but before commer-
- cialization.

1	(4) Development and incorporation of a stand-
2	ard evaluation framework to enable systematic as-
3	sessment of SBIR and STTR, including through im-
4	proved tracking of awards and outcomes and devel-
5	opment of performance measures for individual
6	agency programs.
7	(d) Reports.—The Interagency SBIR/STTR Policy
8	Committee shall transmit to the Committee on Science
9	and Technology and the Committee on Small Business of
10	the House of Representatives, and to the Committee on
11	Small Business and Entrepreneurship of the Senate—
12	(1) a report on its review and recommendations
13	under subsections $(c)(1)$ and $(c)(4)$ not later than 1
14	year after the date of enactment of this Act;
15	(2) a report on its review and recommendations
16	under subsection (c)(2) not later than 18 months
17	after the date of enactment of this Act; and
18	(3) a report on its review and recommendations
19	under subsection $(c)(3)$ not later than 2 years after
20	the date of enactment of this Act.
21	SEC. 409. NATIONAL RESEARCH COUNCIL SBIR STUDY.
22	Section 108(d) of the Small Business Reauthoriza-
23	tion Act of 2000 (15 U.S.C. 638 note), enacted into law
24	by reference under section 1(a)(9) of the Consolidated Ap-

- 1 propriations Act, 2001 (Public Law 106–554), is amend-
- 2 ed—
- 3 (1) by striking "of the Senate" and all that fol-
- 4 lows through "not later than 3" and inserting "of
- 5 the Senate, not later than 3"; and
- 6 (2) by striking "; and" and all that follows
- 7 through "update of such report".
- 8 SEC. 410. EXPRESS AUTHORITY TO "FAST-TRACK" PHASE
- 9 TWO AWARDS FOR PROMISING PHASE ONE
- 10 RESEARCH.
- 11 Section 9 of the Small Business Act (15 U.S.C. 638),
- 12 as amended, is further amended by adding at the end the
- 13 following:
- 14 "(ii) Authority To 'Fast-track' Phase Two
- 15 AWARDS FOR PROMISING PHASE ONE RESEARCH.—To
- 16 address the delay between an award for the first phase
- 17 of an SBIR program and the application for and extension
- 18 of an award for the second phase of such program, each
- 19 Federal agency with an SBIR program may develop 'fast-
- 20 track' programs to eliminate such delay by issuing second
- 21 phase SBIR awards as soon as practicable, including in
- 22 appropriate cases simultaneously with the issuance of the
- 23 first phase SBIR award. The Administrator shall encour-
- 24 age the development of such 'fast-track' programs.".

1 SEC. 411. INCREASED SBIR AND STTR AWARD LEVELS.

- 2 (a) SBIR AWARD LEVEL AND ANNUAL ADJUST-
- 3 MENTS.—Section 9(j) of the Small Business Act (15
- 4 U.S.C. 638(j)) is amended by adding at the end the fol-
- 5 lowing:
- 6 "(4) Further Additional Modifications.—Not
- 7 later than 180 days after the date of enactment of this
- 8 paragraph and notwithstanding paragraph (2)(D), the Ad-
- 9 ministrator shall modify the policy directives issued pursu-
- 10 ant to this subsection to provide for an increase to
- 11 \$250,000 in the amount of funds which an agency may
- 12 award in the first phase of an SBIR program, and to
- 13 \$2,000,000 in the second phase of an SBIR program, and
- 14 a mandatory annual adjustment of such amounts to reflect
- 15 economic adjustments and programmatic considerations.".
- 16 (b) STTR AWARD LEVEL AND ANNUAL ADJUST-
- 17 MENTS.—Section 9(p)(2)(B)(ix) of the Small Business Act
- 18 (15 U.S.C. 638(p)(2)(B)(ix)) is amended—
- 19 (1) by striking "\$100,000" and "\$750,000"
- and inserting "\$250,000" and "\$2,000,000", re-
- 21 spectively; and
- 22 (2) by striking "greater or lesser amounts" and
- inserting "with a mandatory annual adjustment of
- such amounts to reflect economic adjustments and
- programmatic considerations, and with lesser
- amounts".

1	(c) Limitation on Certain Awards.—Section 9 of
2	the Small Business Act (15 U.S.C. 638), as amended, is
3	further amended by adding at the end the following:
4	"(jj) Limitation on Phase I and II Awards.—No
5	Federal agency shall issue an award under the SBIR pro-
6	gram or the STTR program if the size of the award ex-
7	ceeds the amounts established under subsections $(j)(4)$
8	and (p)(2)(B)(ix).".
9	SEC. 412. EXPRESS AUTHORITY FOR AN AGENCY TO AWARD
10	SEQUENTIAL PHASE TWO AWARDS FOR SBIR-
11	FUNDED PROJECTS.
12	Section 9 of the Small Business Act (15 U.S.C. 638),
13	as amended, is further amended by adding at the end the
14	following:
15	"(kk) Requirements Relating to Additional
16	SECOND PHASE SBIR AWARDS.—
17	"(1) In general.—A small business concern
18	that receives a second phase SBIR award for a
19	project remains eligible to receive additional second
20	phase SBIR awards for such project.
21	"(2) Technical or weapons systems.—
22	Agencies are expressly authorized to provide addi-
23	tional second phase SBIR awards for testing and
24	evaluation assistance for the insertion of SBIR tech-
25	nologies into technical or weapons systems.".

1 SEC. 413. FIRST PHASE REQUIRED.

- 2 Section 9 of the Small Business Act (15 U.S.C. 638),
- 3 as amended, is further amended by adding at the end the
- 4 following:
- 5 "(ll) First Phase Required.—Under this section,
- 6 a Federal agency shall provide to a small business concern
- 7 an award for the second phase of an SBIR program with
- 8 respect to a project only if such agency finds that the
- 9 small business concern has been provided an award for
- 10 the first phase of an SBIR program with respect to such
- 11 project or has completed the determinations described in
- 12 subsection (e)(4)(A) with respect to such project despite
- 13 not having been provided an award for the first phase.".
- 14 SEC. 414. INVOLVEMENT OF CHIEF COUNSEL FOR ADVO-
- 15 CACY.
- 16 Section 9 of the Small Business Act (15 U.S.C. 638),
- 17 as amended, is further amended by adding at the end the
- 18 following:
- 19 "(mm) Involvement of Chief Counsel for Ad-
- 20 VOCACY.—The Chief Counsel for Advocacy, as described
- 21 in section 201 of Public Law 94–305 (15 U.S.C. 634a),
- 22 and any individual reporting to the Chief Counsel for Ad-
- 23 vocacy, without regard to whether such individual was
- 24 hired under section 204 of Public Law 94–305 (15 U.S.C.
- 25 634d), may not provide to the Administrator, to any indi-
- 26 vidual who reports directly or indirectly to the Adminis-

- 1 trator, or to any Federal agency any advice, guidance,
- 2 oversight, or review with respect to the programs author-
- 3 ized under this section.".

4 SEC. 415. MINORITY INSTITUTION PROGRAM.

- 5 Section 9 of the Small Business Act (15 U.S.C. 638),
- 6 as amended, is further amended by adding at the end the
- 7 following:

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- 8 "(nn) Minority Institution Program.—
- 9 "(1) Establishment.—From amounts made available to carry out this subsection, the Adminis-10 11 trator shall establish and carry out a program to 12 make grants to minority institutions that partner 13 with nonprofit organizations that have experience 14 developing relationships between industry, minority 15 institutions, and other entities, for the purpose of in-16 creasing the number of SBIR and STTR program
 - "(2) APPLICATION.—To be eligible to receive a grant under paragraph (1), a minority institution shall submit an application to the Administrator at such time, in such manner, and containing such information and assurances as the Administrator may require.

applications by minority-owned small businesses.

24 "(3) MATCHING REQUIREMENT.—As a condi-25 tion of a grant under paragraph (1), the Adminis-

- 1 trator shall require that a minority institution pro-
- 2 vide a matching amount from a source other than
- 3 the Federal Government that is equal to the amount
- 4 of the grant.
- 5 "(4) Minority institution defined.—In
- 6 this subsection, the term 'minority institution' has
- 7 the meaning given that term in section 365(3) of the
- 8 Higher Education Act of 1965 (20 U.S.C.
- 9 1067k(3)).
- 10 "(5) Authorization of appropriations.—
- 11 There is authorized to be appropriated to carry out
- this subsection \$4,000,000 for each of fiscal years
- 13 2010 and 2011.".
- 14 SEC. 416. AREAS THAT HAVE LOST A MAJOR SOURCE OF
- 15 EMPLOYMENT.
- Section 9 of the Small Business Act (15 U.S.C. 638),
- 17 as amended, is further amended by adding at the end the
- 18 following:
- 19 "(oo) Areas That Have Lost a Major Source
- 20 of Employment.—In making awards under this section,
- 21 Federal agencies shall give priority to applications so as
- 22 to increase the number of SBIR and STTR award recipi-
- 23 ents from geographic areas determined by the Adminis-
- 24 trator to have lost a major source of employment.".

1 SEC. 417. ENHANCING VETERAN PARTICIPATION IN SBIR.

- 2 Section 9 of the Small Business Act (15 U.S.C. 638),
- 3 as amended, is further amended by adding at the end the
- 4 following:
- 5 "(pp) Enhancing Veteran Participation in
- 6 SBIR.—Notwithstanding any other provision of this sec-
- 7 tion, a small business concern owned and controlled by
- 8 veterans may—
- 9 "(1) receive an award in the amount of
- \$300,000 in the first phase of an SBIR program
- and in the amount of \$2,250,000 in the second
- phase of an SBIR program, with such amounts able
- to be exceeded if the Federal agency making the
- award notifies the Administrator of such excess; and
- 15 "(2) receive an award for the second phase of
- an SBIR program with respect to a project without
- having received a first phase award with respect to
- such project.".

19 SEC. 418. VETERAN PREFERENCE.

- Section 9 of the Small Business Act (15 U.S.C. 638),
- 21 as amended, is further amended by adding at the end the
- 22 following:
- 23 "(qq) Veteran Preference.—In making awards
- 24 under this section, Federal agencies shall give priority to
- 25 applications so as to increase the number of SBIR and

- 1 STTR award recipients that are small business concerns
- 2 owned and controlled by veterans.".
- 3 SEC. 419. MEDICAL TECHNOLOGY.
- 4 Section 9(g)(3) of the Small Business Act (15 U.S.C.
- 5 638(g)(3)), as amended, is further amended in the matter
- 6 preceding subparagraph (A) by inserting after "broad re-
- 7 search topics" the following: "and research topics relating
- 8 to medical technology".

9 TITLE V—IMPROVING WATER

10 USE AND TRANSMISSION

11 **TECHNOLOGY**

- 12 SEC. 501. IMPROVING WATER USE AND TRANSMISSION
- 13 TECHNOLOGY.
- Not later than 1 year after the date of the enactment
- 15 of this Act, Federal agencies with an SBIR program, as
- 16 appropriate, shall jointly develop and issue a small busi-
- 17 ness innovation research solicitation that requests re-
- 18 search proposals with respect to improving the efficiency
- 19 of water delivery systems and usage patterns in the United
- 20 States and its territories through the use of technology.

1	TITLE VI—GAO STUDY WITH RE-
2	SPECT TO VENTURE CAPITAL
3	OPERATING COMPANY IN-
4	VOLVEMENT
5	SEC. 601. GAO STUDY WITH RESPECT TO VENTURE CAPITAL
6	OPERATING COMPANY INVOLVEMENT.
7	The Comptroller General of the United States shall
8	carry out a study of the impact of requirements relating
9	to venture capital operating company involvement under
10	section 9(aa) of the Small Business Act, as added by sec-
11	tion 102 of this Act. Not later than 1 year after the date
12	of the enactment of this Act, the Comptroller General shall
13	submit to Congress a report on the results of the study.
	Passed the House of Representatives July 8, 2009.
	Attest: LORRAINE C. MILLER,
	Clerk.