FIRST EXTRAORDINARY SESSION SENATE COMMITTEE SUBSTITUTE FOR

SENATE BILL NO. 7

96TH GENERAL ASSEMBLY

Reported from the Committee on Jobs, Economic Development and Local Government, September 7, 2011, with recommendation that the Senate Committee Substitute do pass.

0033S.02C

TERRY L. SPIELER, Secretary.

AN ACT

To repeal sections 196.1109, 196.1115, 348.251, 348.256, 348.261, 348.262, 348.263, 348.264, 348.271, and 348.300, RSMo, and to enact in lieu thereof fourteen new sections relating to science and innovation.

Be it enacted by the General Assembly of the State of Missouri, as follows:

Section A. Sections 196.1109, 196.1115, 348.251, 348.256, 348.261,

- 2 348.262, 348.263, 348.264, 348.271, and 348.300, RSMo, are repealed and fourteen
- 3 new sections enacted in lieu thereof, to be known as sections 196.1109, 196.1115,
- 4 348.250, 348.251, 348.256, 348.257, 348.261, 348.262, 348.263, 348.264, 348.265,
- 5 348.269, 348.271, and 348.300, to read as follows:
 - 196.1109. All moneys that are appropriated by the general assembly from
- 2 the life sciences research trust fund shall be appropriated to the life sciences
- 3 research board to increase the capacity for quality of life sciences research at
- 4 public and private not-for-profit institutions in the state of Missouri and to
- 5 thereby:
- 6 (1) Improve the quantity and quality of life sciences research at public
- 7 and private not-for-profit institutions, including but not limited to basic research
- 8 (including the discovery of new knowledge), translational research (including
- 9 translating knowledge into a usable form), and clinical research (including the
- 10 literal application of a therapy or intervention to determine its efficacy), including
- 11 but not limited to health research in human development and aging, cancer,
- 12 endocrine, cardiovascular, neurological, pulmonary, and infectious disease, and
- 13 plant sciences, including but not limited to nutrition and food safety; and
- 14 (2) Enhance technology transfer and technology commercialization derived

from research at public and private not-for-profit institutions within the centers for excellence. For purposes of sections 196.1100 to 196.1130, "technology transfer and technology commercialization" includes stages of the regular 17 18 business cycle occurring after research and development of a life science technology, including but not limited to reduction to practice, proof of concept, 19 20 and achieving federal Food and Drug Administration, United States Department of Agriculture, or other regulatory requirements in addition to the definition in 21section 348.251. Funds received by the board may be used for purposes 22authorized in sections 196.1100 to 196.1130 and shall be subject to the 23 restrictions of sections 196.1100 to 196.1130, including but not limited to the 24costs of personnel, supplies, equipment, and renovation or construction of physical 25 facilities; provided that in any single fiscal year no more than [ten] thirty 26 percent of the moneys appropriated shall be used for the construction of physical 2728 facilities and further provided that in any fiscal year up to eighty percent of the moneys shall be appropriated to build research capacity at public and private 29 not-for-profit institutions and at least twenty percent and no more than fifty 30 percent of the moneys shall be appropriated for grants to public or private 31 32 not-for-profit institutions to promote life science technology transfer and technology commercialization. Of the moneys appropriated to build research 33 capacity, twenty percent of the moneys shall be appropriated to promote the 35 development of research of tobacco-related illnesses.

196.1115. 1. The moneys appropriated to the life sciences research board that are not distributed by the board in any fiscal year to a center for excellence or a center for excellence endorsed program pursuant to section 196.1112, if any, shall be held in reserve by the board or shall be awarded on the basis of peer review panel recommendations for capacity building initiatives proposed by public and private not-for-profit academic, research, or health care institutions or organizations, or individuals engaged in competitive research in targeted fields consistent with the provisions of sections 196.1100 to 196.1130.

- 9 2. The life sciences research board may, in view of the limitations 10 expressed in section 196.1130:
- 11 (1) Award and enter into grants or contracts relating to increasing 12 Missouri's research capacity at public or private not-for-profit institutions;
- 13 (2) Make provision for peer review panels to recommend and review 14 research projects;
- 15 (3) Contract for [administrative and] support services;

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- 16 (4) Lease or acquire facilities and equipment;
- 17 (5) Employ administrative staff; and
- 18 (6) Receive, retain, hold, invest, disburse or administer any moneys that 19 it receives from appropriations or from any other source.
- 3. The Missouri technology corporation, established under section 348.251, shall serve as the administrative agent for the life sciences research board.
- 23 4. The life sciences research board shall utilize as much of the moneys as reasonably possible for building capacity at public and private not-for-profit 24institutions to do research rather than for administrative expenses. The board 2526 shall not in any fiscal year expend more than two percent of the total moneys appropriated to it and of the moneys that it has in reserve or has received from 2728 other sources for its own administrative expenses for appropriations over twenty million dollars; three percent for appropriations less than 29 30 twenty million dollars but more than fifteen million dollars; four percent for appropriations less than fifteen million dollars but more 32than ten million dollars; five percent for appropriations less than ten million dollars; provided, however, that the general assembly by appropriation 33 from the life sciences research trust fund may authorize a limited amount of 34 additional moneys to be expended for administrative costs. 35

348.250. Sections 348.250 to 348.275 shall be known and may be cited as the "Missouri Science and Innovation Reinvestment Act".

348.251. 1. As used in sections 348.251 to 348.266, the following terms mean:

- 3 (1) "Applicable percentage", six percent for the fiscal year 4 beginning July 1, 2012, and the next fourteen consecutive fiscal years; 5 five percent for the immediately subsequent five fiscal years; and four 6 percent for the immediately subsequent five fiscal years;
- 7 (2) "Applied research", any activity that seeks to utilize, 8 synthesize, or apply existing knowledge, information, or resources to 9 the resolution of a specific problem, question, or issue of science and 10 innovation, including but not limited to translational research;
 - (3) "Base year", fiscal year ending June 30, 2010;
- 12 (4) "Base year gross wages", gross wages paid by science and 13 innovation companies to science and innovation employees during 14 fiscal year ending June 30, 2010;

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- 15 (5) "Basic research", original investigation for any the 16 advancement of scientific or technical knowledge of science and 17 innovation;
- 18 (6) "Commercialization", any of the full spectrum of activities required for a new technology, product, or process to be developed 19 from the basic research or conceptual stage through applied research 20 or development to the marketplace, including without limitation, the 2122 steps leading up to and including licensing, sales, and service;
- 23 (7) "Corporation", the Missouri technology corporation established under this section; 24
 - (8) "Fields of applicable expertise", any of the following fields: science and innovation research, development, or commercialization, including basic research and applied research; corporate finance, venture capital, and private equity related to science and innovation; the business and management of science and innovation companies; education related to science and innovation; or civic or corporate leadership in areas related to science and innovation;
- 32 (9) "Inherent conflict of interest", a fundamental or systematic 33 conflict of interest that prevents a person from serving as a 34 disinterested director of the corporation and from routinely performing 35 his or her duties as a director of the corporation;
 - (10) "NAICS industry groups" or "NAICS codes", the North American Industry Classification System developed under the auspices of the United States Office of Management and Budget and adopted in 1997, as may be amended, revised, or replaced by similar classification systems for similar uses from time to time;
- (11) "Science and innovation", the use of compositions and 42methods in research, development, and manufacturing processes for such diverse areas as agriculture-biotechnology, animal health, 43 biochemistry, bioinformatics, energy, environment, forestry, homeland 44 security, information technology, medical devices, medical diagnostics, 45medical instruments, medical therapeutics, microbiology, 46 nanotechnology, pharmaceuticals, plant biology, and veterinary 48 medicine, including future developments in such areas;
- 49 (12) "Science and innovation company", a corporation, limited liability company, S corporation, partnership, registered limited 50 liability partnership, foundation, association, nonprofit entity, sole

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52 proprietorship, business trust, person, group, or other entity that is:

- 53 (a) Engaged in the research, development, commercialization, or business of science and innovation in the state, including, without 54limitation, research, development, or production directed toward 55 developing or providing science and innovation products, processes, or 56 services for specific commercial or public purposes, including 57 hospitals, nonprofit research institutions, incubators, accelerators, and 58universities currently located or involved in the research, development, 59 commercialization, or business of science and innovation in the state; 60 61 \mathbf{or}
- 62 (b) Identified by the following NAICS industry groups or NAICS codes or any amended or successor code sections covering such areas 63 of research, development, and commercial endeavors: 3251; 3253; 3254; 64 3391; 51121; 54138; 54171; 62231; 111191; 111421; 111920; 111998; 311119; 65 311211; 311221; 311222; 311223; 325193; 325199; 325221; 325222; 325611; 66 $325612;\ 325613;\ 325311;\ 325312;\ 325314;\ 325320;\ 325411;\ 325412;\ 325414;$ 67 333298; 334510; 334516; 334517; 339111; 339112; 339113; 339114; 339115; 68 69 339116; 424910; 541710; 621511; and 621512.
- Each of the above listed four-digit and five-digit codes shall include all six-digit codes in such four-digit and five-digit industry; however, each six-digit code shall stand alone and not indicate the inclusion of other omitted six-digit codes that also are subsets of the pertinent four-digit or five-digit industry to which the included six-digit code belongs;
 - (13) "Science and innovation employee", any employee, officer, or director of a science and innovation company who is a state income taxpayer and any employee of a university who is associated with or supports the research, development, commercialization, or business of science and technology in the state and is obligated to pay state income tax to the state;
- (14) "Technology application", the introduction and adaptation of refined management practices in fields such as scheduling, inventory management, marketing, product development, and training in order to improve the quality, productivity and profitability of an existing firm. Technology application shall be considered a component of business modernization;
- 86 [(2) "Technology commercialization", the process of moving 87 investment-grade technology from a business, university or laboratory into the 88 marketplace for application;

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89 (3)] (15) "Technology development", strategically focused research 90 directed at developing investment-grade technologies which are important for 91 market competitiveness.

92 2. The governor may, on behalf of the state and in accordance with chapter 355, RSMo, establish a private not-for-profit corporation named the 93 94 "Missouri Technology Corporation", to carry out the provisions of sections 348.251 to 348.266. As used in sections [348.251 to 348.266] 348.250 to 348.275 the 9596 word "corporation" means the Missouri technology corporation authorized by this 97 section. Before certification by the governor, the corporation shall conduct a public hearing for the purpose of giving all interested parties an opportunity to 98review and comment [upon] on the articles of incorporation, bylaws and [method] 99 methods of operation of the corporation. Notice of the hearing shall be given at 100 least fourteen days prior to the hearing. 101

348.256. 1. The articles of incorporation [and], bylaws, and methods of operation of the Missouri technology corporation shall [provide that:] be consistent with the provisions of sections 348.250 to 348.275.

4 [(1)] 2. The purposes of the corporation are to contribute to the strengthening of the economy of the state through the development of science and 5 [technology] innovation, to promote the modernization of Missouri businesses by supporting the transfer of science, technology and quality improvement methods to the workplace[, and]; to enhance the productivity and modernization of Missouri businesses by providing leadership in the establishment of methods of technology application, technology commercialization and technology 10 development; to make Missouri businesses, institutions, and universities 11 more competitive and increase their likelihood of success; to support 12and enhance local and regional strategies and initiatives that capitalize 13 on the unique science and innovation assets across the state; to make 14Missouri a highly desirable state in which to conduct, facilitate, 15support, fund, and perform science and innovation research, 16 17development, and commercialization; to facilitate and effect the creation, attraction, retention, growth, and enhancement of both 18 existing and new science and innovation companies in the state; to 19 20 make Missouri a national and international leader in economic activity based on science and innovation; to enhance workforce development; 21to create and retain quality jobs; to advance scientific knowledge; and 22to improve the quality of life for the citizens of the state of Missouri in

24 both urban and rural communities.

- [(2)] 3. The board of directors of the corporation [is] shall be composed of fifteen persons. The governor shall annually appoint one of its members, who must be from the private sector, as [chairman] chairperson. The board shall consist of the following members:
- [(a)] (1) The director of the department of economic development, or the director's designee;
- 31 [(b)] (2) The president of the University of Missouri system, or the 32 president's designee;
- 33 [(c)] (3) A member of the state senate, appointed by the president pro 34 tem of the senate;
- 35 [(d)] (4) A member of the house of representatives, appointed by the 36 speaker of the house;
- [(e)] (5) Eleven members appointed by the governor, [two of which shall be from the public sector and nine members from the private sector who shall include, but shall not be limited to, individuals who represent technology-based businesses and industrial interests;
- 41 (f)] with the advice and consent of the senate, who are recognized 42 for outstanding knowledge, leadership, and expertise in one or more of 43 the fields of applicable expertise.
- Each of the directors of the corporation who is appointed by the governor shall serve for a term of four years and until a successor is duly appointed[; except
- 46 that, of the directors serving on the corporation as of August 28, 1995, three
- 47 directors shall be designated by the governor to serve a term of four years, three
- 48 directors shall be designated to serve a term of three years, three directors shall
- 49 be designated to serve a term of two years, and two directors shall be designated
- 50 to serve a term of one year. Each director shall continue to serve until a
- 51 successor is duly appointed by the governor;
- 52 (3) The corporation may receive money from any source, may borrow 53 money, may enter into contracts, and may expend money for any activities 54 appropriate to its purpose;
- 55 (4) The corporation may appoint staff and do all other things necessary 56 or incidental to carrying out the functions listed in section 348.261;
- 57 (5)]**.**
- 4. Any changes in the articles of incorporation or bylaws must be approved by the governor[;].

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- [(6) The corporation shall submit an annual report to the governor and to the Missouri general assembly. The report shall be due on the first day of November for each year and shall include detailed information on the structure, operation and financial status of the corporation. The corporation shall conduct an annual public hearing to receive comments from interested parties regarding the report, and notice of the hearing shall be given at least fourteen days prior to the hearing; and
 - (7)] 5. At the discretion of the state auditor, the corporation is subject to an [annual] audit by the state auditor and [that] the corporation shall bear the full cost of the audit.
 - 6. Each of the directors of the corporation provided for in subdivisions (1) and (2) of subsection 3 of this section shall remain a director until the designating individual specified in such subdivisions designates a replacement by sending a written communication to the governor and the chairperson of the board of the corporation; provided, however, that if the director of economic development or the president of the University of Missouri system designates himself or herself to the corporation board, such person's service as a corporation director shall cease immediately when that person no longer serves as the director of economic development or as the president of the University of Missouri system. Each of the directors of the corporation provided for in subdivisions (3) and (4) of subsection 3 of this section shall remain a director until the appointing member of the general assembly specified in such subdivisions appoints a replacement by sending a written communication to the governor and the chairperson of the corporation board; provided, however, that if the speaker of the house or the president pro tem of the senate appoints himself or herself to the corporation board, such person's service as a corporation director shall cease immediately when that person no longer serves as the speaker of the house or the president pro tem of the senate.
- 90 7. Each of the eleven members of the board appointed by the 91 governor shall:
 - (1) Hold office for the term of appointment and until the governor duly appoints his or her successor; provided that if a vacancy is created by the death, permanent disability, resignation, or removal of a director, such vacancy shall become immediately effective;
 - (2) Be eligible for reappointment, but members of the board shall

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97 not be eligible to serve more than two consecutive four-year terms and 98 shall not be reappointed to the board until they have not served on the 99 board for a period of at least four interim years;

- 100 (3) Not have a known inherent conflict of interest at the time of 101 appointment; and
- 102 (4) Not have served in an elected office or a cabinet position in 103 state government for a period of two years prior to appointment, unless 104 otherwise provided in this section.
- 8. Any member of the board may be removed by affirmative vote 106 of eleven members of the board for malfeasance or misfeasance in office, regularly failing to attend meetings, failure to comply with the 107 corporation's conflicts of interest policy, conviction of a felony, or for 108 any cause that renders the member incapable of or unfit to discharge 110 the duties of a director of the corporation.
- 111 9. The board shall meet at least four times per year and at such 112 other times as it deems appropriate, or upon call by the president or the chairperson, or upon written request of a majority of the directors 113 114 of the board. Unless otherwise restricted by Missouri law, the directors 115 may participate in a meeting of the board by means of telephone 116 conference or other electronic communications equipment whereby all 117persons participating in the meeting can communicate clearly with each other, and participation in a meeting in such manner will 118 119 constitute presence in person at such meeting.
 - 10. A majority of the total voting membership of the board shall constitute a quorum for meetings. The board may act by a majority of those at any meeting where a quorum is present, except upon such issues as the board may determine shall require a vote of more members of the board for approval or as required by law. All resolutions and orders of the board shall be recorded and authenticated by the signature of the secretary or any assistant secretary of the board.
- 128 11. Members o f board shall the serve without 129 compensation. Members of the board attending meetings of the board, 130 or attending committee or advisory meetings thereof, shall be paid mileage and all other applicable expenses, provided that such expenses 131 are reasonable, consistent with policies established from time to time 132 by the board, and not otherwise inconsistent with law. 133

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12. The board may adopt, repeal, and amend such articles of incorporation, bylaws, and methods of operation that are not contrary to law or inconsistent with sections 348.250 to 348.275, as it deems expedient for its own governance and for the governance and management of the corporation and its committees and advisory boards; provided that any changes in the articles of incorporation or bylaws approved by the board must also be approved by the governor.

13. A president shall direct and supervise the administrative affairs and the general management of the corporation. The president shall be a person of national prominence that has expertise and credibility in one or more of the fields of applicable expertise with a demonstrated track record of success in leading a mission-driven organization. The president's salary and other terms and conditions of employment shall be set by the board. The board may negotiate and enter into an employment agreement with the president of the corporation, which may provide for compensation, allowances, benefits, and expenses. The president of the corporation shall not be eligible to serve as a member of the board until two years after the end of his or her employment with the corporation. The president of the corporation shall be bound by, and agree to obey, the corporation's conflicts of interest policy, including annually completing and submitting to the board a disclosure and compliance certificate in accordance with such conflicts of interest policy.

14. The corporation may employ such employees as it may require and upon such terms and conditions as it may establish that are consistent with state and federal law. The corporation may establish personnel, payroll, benefit, and other such systems as authorized by the board, and provide death and disability benefits. Corporation employees, including the president, shall be considered state employees for the purposes of membership in the Missouri state employees' retirement system and the Missouri consolidated health care plan. Compensation paid by the corporation shall constitute pay from a department for purposes of accruing benefits under the Missouri state employees' retirement system. The corporation may also adopt, in accordance with requirements of the federal Internal Revenue Code of 1986, as amended, a defined contribution plan sponsored by the corporation with respect to

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171 employees, including the president, employed by the 172corporation. Nothing in sections 348.250 to 348.275 shall be construed 173 as placing any officer or employee of the corporation or member of the 174 board in the classified or the unclassified service of the state of Missouri under Missouri laws and regulations governing civil service. 175 No employee of the corporation shall be eligible to serve as a member 176 of the board until two years immediately following the end of his or her 177employment with the corporation. All employees of the corporation 178 179 shall be bound by, and agree to obey, the corporation's conflicts of interest policy, including annually completing and submitting to the 180 board a disclosure and compliance certificate in accordance with such 181 conflicts of interest policy. 182

- 15. No later than the first day of January each year, the 184 corporation shall submit an annual report to the governor and to the Missouri general assembly which the corporation may contract with a third party to prepare and which shall include:
- (1) A complete and detailed description of the operating and 187 188 financial conditions of the corporation during the prior fiscal year;
 - (2) Complete and detailed information about the distributions from the Missouri science and innovation reinvestment fund and from any income of the corporation;
 - (3) Information about the growth of science and innovation research and industry in the state;
 - (4) Information regarding financial or performance audits performed in such year, including any recommendations with reference to additional legislation or other action that may be necessary to carry out the purposes of the corporation; and
 - (5) Whether or not the corporation made any distribution during the prior fiscal year to a research project or other project for which a report shall be filed under subsection 4 of section 38(d) of article III of the Constitution of the State of Missouri. If such a distribution was made, the corporation shall disclose in the annual report the amount of the distribution, the recipient of the distribution, and the project description.
- 205 16. The corporation shall keep its books and records in 206 accordance with generally accepted accounting procedures. Within 207 four months following the end of each fiscal year, the corporation shall

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cause a firm of independent certified public accountants of national repute to conduct and deliver to the board an audit of the financial statements of the corporation and an opinion thereon, to be conducted in accordance with generally accepted audit standards, provided, however, that this section shall be inapplicable if the board of directors of the corporation determines that insufficient funds have been appropriated to pay for the costs of compliance with these requirements.

- 17. Within four months following the end of every odd numbered fiscal year, beginning with fiscal year 2016, the corporation shall cause an independent firm of national repute that has expertise in science and innovation research and industry to conduct and deliver to the board an evaluation of the performance of the corporation for the prior two fiscal years, including detailed recommendations for improving the performance of the corporation, provided, however, that this section shall be inapplicable if the board of directors of the corporation determines that insufficient funds have been appropriated to pay for the costs of compliance with these requirements.
- 18. The corporation shall provide the state auditor a copy of the financial and performance evaluations prepared under subsections 16 and 17 of this section.
- 19. The corporation shall have perpetual existence until an act of law expressly dissolves the corporation; provided that no such law shall take effect so long as the corporation has obligations or bonds outstanding unless adequate provision has been made for the payment or retirement of such debts or obligations. Upon any such dissolution of the corporation, all property, funds, and assets thereof shall be vested in the state.
 - 20. Except as provided under section 348.266, the state hereby pledges to, and agrees with, recipients of corporation funding or beneficiaries of corporation programs under sections 348.250 to 348.275 that the state shall not limit or alter the rights vested in the corporation under sections 348.250 to 348.275 to fulfill the terms of any agreements made or obligations incurred by the corporation with or to such third parties, or in any way impair the rights and remedies of such third parties until the obligations of the corporation and the state are fully met and discharged in accordance with sections 348.250 to

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- 246 21. The corporation shall be exempt from:
- 247 (1) Any general ad valorem taxes upon any property of the 248 corporation acquired and used for its public purposes;
- 249 (2) Any taxes or assessments upon any projects or upon any 250 operations of the corporation or the income therefrom;
- 251 (3) Any taxes or assessments upon any project or any property 252 or local obligation acquired or used by the corporation under the 253 provisions of sections 348.250 to 348.275, or upon income therefrom.
- Purchases by the corporation to be used for its public purposes shall not be subject to sales or use tax under chapter 144. The exemptions hereby granted shall not extend to persons or entities conducting business on the corporations' property for which payment of state and local taxes would otherwise be required.
 - 22. No funds of the corporation shall be distributed to its employees or members of the board; except that, the corporation may make reasonable payments for expenses incurred on its behalf relating to any of its lawful purposes and the corporation shall be authorized and empowered to pay reasonable compensation for services rendered to, or for, its benefit relating to any of its lawful purposes, including to pay its employees reasonable compensation.
 - 23. The corporation shall adopt and maintain a conflicts of interest policy to protect the corporation's interests by requiring disclosure by an interested party, appropriate recusal by such person, and appropriate action by the interested party or the board where a conflict of interest may exist or arise between the corporation and a director, officer, employee, or agent of the corporation.
 - 348.257. 1. The board shall establish an executive committee of 2 the corporation, to be composed of the chairperson, the vice-3 chairperson, and the secretary of the corporation, and two additional 4 directors. The chairperson of the corporation shall serve as the 5 chairperson of the executive committee.
 - 2. The executive committee, in intervals between meetings of the board, may transact any business of the board that has been expressly delegated to the executive committee by the board. If so stipulated by the board, action delegated to the executive committee may be subject to subsequent ratification by the board; provided, however, that until

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ratified or rejected by the board, any action delegated to, and taken by, the executive committee between meetings of the board will be binding 13 upon the corporation as if ratified, and may be relied upon by third parties. 14

- 3. The board shall establish an audit committee of the 15 corporation, to be composed of the chairperson of the corporation and 16 four additional directors. The secretary of the corporation shall serve as the chairperson of the audit committee. The audit committee shall 18 be responsible for oversight of the administration of the conflicts of 19 interest policy, working with the president of the corporation to 20facilitate communications with the corporation's contract auditors, and such other responsibilities delegated to it by the board. 22
- 23 4. The board shall establish and maintain a research alliance of Missouri to be comprised of the chief research officers, or their 24designee, of the state's leading research universities and a representative of other leading not-for-profit research institutes 26 headquartered in Missouri. Members of the research alliance of 2728 Missouri shall be selected for such terms of membership under such 29 terms and conditions as the board deems necessary and appropriate to 30 advance the purposes of sections 348.250 to 348.275 and as comparable to other similar public sector bodies. The research alliance of Missouri shall elect a chairperson on an annual basis. The research alliance of 3233 Missouri shall prepare annual reports at the direction of the corporation that: 34
- 35 (1) Evaluate the specific areas of Missouri's research strengths and weaknesses and outline current research priorities of the state; 36
 - (2) Evaluate the ability of each member to realign their research and development resources, policies, and practices to seize emerging opportunities;
- (3) Evaluate and summarize the best national and international 40 practices for technology commercialization of university research and 41 describe efforts that each university member has undertaken to 42implement best practices, including a description of the specific 43outcomes university members have achieved in technology commercialization; and 45
- (4) Describe research collaborations by and between members 46 and identify collaboration best practices that can or should be 47

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- 5. The board may establish other committees, both permanent and temporary, as it deems necessary. Such committees may include 50 national strategic, scientific and/or commercialization advisory boards 5152comprised of individuals of national or international prominence in science and innovation and/or the business and commercialization of 53 science and innovation. 54
 - 6. The board may establish rules, policies, and procedures for the selection and conduct of committees and advisory boards, and the research alliance of Missouri; provided, however, that the members of such committees and advisory boards agree to be bound by a conflict of interest policy consistent with the highest ethical standards that is suitable for such advisory roles and annually complete and certify to the board a disclosure and compliance certificate in accordance with such conflicts of interest policy.
 - 348.261. 1. The corporation[, after being certified by the governor as provided by section 348.251, may shall have all of the powers necessary or convenient to carry out the purposes and provisions of sections 348.250 to 348.275, including the powers as specified therein, and without limitation, the power to:
- 6 (1) Establish a statewide business modernization network to assist Missouri businesses in identifying ways to enhance productivity and market 7 8 competitiveness;
 - (2) Identify scientific and technological problems and opportunities related to the economy of Missouri and formulate proposals to overcome those problems or realize those opportunities;
- 12 (3) Identify specific areas where scientific research and technological investigation will contribute to the improvement of productivity of Missouri 13 manufacturers and farmers; 14
- 15 (4) Determine specific areas in which financial investment in scientific 16 and technological research and development from private businesses located in Missouri could be enhanced or increased if state resources were made available 17 to assist in financing activities; 18
- 19 (5) Assist in establishing cooperative associations of universities in Missouri and of private enterprises for the purpose of coordinating research and 20 development programs that will, consistent with the primary educational function 21

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- 22 of the universities, aid in the creation of new jobs in Missouri;
- 23 (6) Assist in financing the establishment and continued development of 24 technology-intensive businesses in Missouri;
- 25 (7) Advise universities of the research needs of Missouri business and 26 improve the exchange of scientific and technological information for the mutual 27 benefit of universities and private business;
- 28 (8) Coordinate programs established by universities to provide Missouri 29 businesses with scientific and technological information;
- 30 (9) Establish programs in scientific education which will support the 31 accelerated development of technology-intensive businesses in Missouri;
- 32 (10) Provide financial assistance through contracts, grants and loans to 33 programs of scientific and technological research and development;
- 34 (11) Determine how public universities can increase income derived from 35 the sale or licensure of products or processes having commercial value that are 36 developed as a result of university sponsored research programs;
- 37 (12) Contract with innovation centers, as established in section 348.271, 38 small business development corporations, as established in sections 620.1000 to 39 620.1007, centers for advanced technology, as established in section 348.272, and 40 other entities or organizations for the provision of technology application, 41 technology commercialization and technology development services. [Such 42 contracting procedures shall not be subject to the provisions of chapter 34; and];
 - (13) Make direct seed capital or venture capital investments in Missouri business investment funds or businesses [which] that demonstrate the promise of growth and job creation. Investments from the corporation may be in the form of debt or equity in the respective businesses;
 - (14) Make and execute contracts, guarantees, or any other instruments and agreements necessary or convenient for the exercise of its powers and functions;
- 50 (15) Contract for and to accept any gifts, grants, and loans of 51 funds, property, or any other aid in any form from the federal 52 government, the state, any state agency, or any other source, or any 53 combination thereof, and to comply with the provisions of the terms 54 and conditions thereof;
- 55 (16) Procure such insurance, participate in such insurance plans, 56 or provide such self insurance or both as it deems necessary or 57 convenient; provided, however, the purchase of insurance,

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participation in an insurance plan, or creation of a self-insurance fund by the corporation shall not be deemed as a waiver or relinquishment of any sovereign immunity to which the corporation or its officers, directors, employees, or agents are otherwise entitled;

- 62 (17) Partner with universities or other research institutions in 63 Missouri to attract and recruit world-class science and innovation 64 talent to Missouri;
- (18) Expend any and all funds from the Missouri science and innovation reinvestment fund and all other assets and resources of the corporation for the exclusive purpose of fulfilling any purpose, power, or duty of the corporation under sections 348.250 to 348.275, including but not limited to implementing the powers, purposes, and duties of the corporation as enumerated in this section;
 - (19) Participate in joint ventures and collaborate with any taxpayer, governmental body or agency, insurer, university, or college of the state, or any other entity to facilitate any activities or programs consistent with the purpose and intent of sections 348.250 to 348.275; and
- 76 (20) In carrying out any activities authorized by sections 348.250 77 to 348.275, the corporation provides appropriate assistance, including 78 the making of investments, grants, and loans, and providing time of employees, to any taxpayer, governmental body, or agency, insurer, 79 80 university, or college of the state, or any other entity, whether or not any such taxpayer, governmental body or agency, insurer, university, 81 82 or college of the state, or any other entity, is owned or controlled in whole or in part, directly or indirectly, by the corporation. 83
- 84 2. The corporation shall endeavor to maximize the amount of leveraging of nonstate resources, including public and private, cash 85 and in-kind, attained with its investments, grants, loans, or other forms 86 of support. In the case of investments, grants, loans, or other forms of 87 support that emphasize or are specifically intended to impact a 88 particular Missouri county, municipality, or other geographic 89 subdivision of the state, or are otherwise local in nature, the 90 91 corporation shall give consideration and weight to local matching funds and other matching resources, public and private. 92
- 3. Except as expressly provided in sections 348.250 to 348.275, all monies earned or received by the corporation, including all funds

derived from the commercialization of science and innovation products, methods, services, and technology by the corporation, or any affiliate or subsidiary thereof, or from the Missouri science and innovation reinvestment fund, shall belong exclusively to and be subject to the exclusive control of the corporation.

- 4. The corporation shall have all the powers of a not-for-profit corporation established under Missouri law.
- 5. The corporation shall assume all moneys, property, or other assets remaining with the Missouri seed capital investment board, established in section 620.641. All powers, duties, and functions performed by the Missouri seed capital investment board shall be transferred to the Missouri technology corporation.
- 6. The corporation shall not be subject to the provisions of the chapter 34.

348.262. In order to assist the corporation in achieving the objectives identified in section 348.261, the department of economic development may contract with the corporation for activities consistent with the corporation's purpose, as specified in [section 348.256] sections 348.250 to 348.275. When contracting with the corporation under the provisions of this section, the department of economic development may directly enter into agreements with the corporation and shall not be bound by the provisions of chapter 34, RSMo.

2 corporation shall replace the corporation for science and technology. All moneys, property or any other assets remaining with the corporation for science and technology after all obligations are satisfied on August 28, 1993, shall be transferred to the Missouri business modernization and technology corporation. All powers, duties and functions performed by the Missouri corporation of science and technology on August 28, 1993, shall be transferred to the Missouri business modernization and technology corporation.] Except as otherwise provided in sections 348.250 to 348.275, the corporation shall be subject to requirements applicable to governmental bodies and records contained in sections 610.010 to 610.225.

2. [The Missouri technology corporation shall replace the Missouri business modernization and technology corporation. All moneys, property or any other assets remaining with the Missouri business modernization and technology corporation after all obligations are satisfied on August 28, 1994, shall be

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transferred to the Missouri technology corporation. All powers, duties and 16 17 functions performed by the Missouri business modernization and technology 18 corporation on August 28, 1994, shall be transferred to the Missouri technology 19 corporation.] In addition to the exceptions available under sections 610.010 to 610.225, the records of the corporation shall not be subject 20 to the provisions of sections 610.010 to 610.225, when, upon 21determination by the corporation, the disclosure of the information in 22the records would be harmful to the competitive position of the 23corporation and such records contain: 24

- (1) Proprietary information gathered by, or in the possession of, the corporation from third parties pursuant to a promise of confidentiality;
- 28 (2) Contract cost estimates prepared for confidential use in 29 awarding contracts for research, development, construction, 30 renovation, commercialization, or the purchase of goods or services;
- 31 (3) Data, records, or information of a proprietary nature 32 produced or collected by, or for, the corporation, its employees, 33 officers, or members of its board;
- (4) Third-party financial statements, records, and related data 34 35 not publicly available that may be shared with the corporation;
- 36 (5) Consulting or other reports paid for by the corporation to assist the corporation in connection with its strategic planning and 37 38 goals; or
- 39 (6) The determination of marketing and operational strategies where disclosure of such strategies would be harmful to the competitive position of the corporation.
- 3. In addition to the exceptions available under sections 610.010 42 to 610.225, the corporation, including the board, executive committee, 43 audit committee, and research alliance of Missouri, or other such 44 committees or boards that the corporation may authorize from time to 45 time, may discuss, consider, and take action on any of the following in 46 closed session, when upon determination by the corporation, including 47as appropriate the board, executive committee, audit committee, and 48 research alliance of Missouri, or other such committees or boards that 49 the corporation may authorize from time to time, disclosure of such 50 items would be harmful to the competitive position of the corporation: 51
 - (1) Plans that could affect the value of property, real or personal,

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- owned, or desirable for ownership by the corporation; 53
- 54 (2) The condition, acquisition, use, or disposition of real or 55 personal property; or

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56 (3) Contracts for applied research; basic research; science and innovation product development, manufacturing, or commercialization; 57construction and renovation of science and innovation facilities; or 58 marketing or operational strategies. 59

348.264. [1.] There is hereby established in the state treasury a special fund to be known as the "Missouri [Technology Investment] Science and Innovation Reinvestment Fund", which shall consist of all moneys which may be appropriated to it by the general assembly based on the applicable percentage of the amount by which science and innovation employees' gross wages for the year exceeds the base year gross wages pursuant to section 348.265; other funds appropriated to it by the general assembly, and also any gifts, contributions, grants or bequests received from federal, private or other sources. [Such moneys shall include federal funds which may be received from the National Institute for Science and Technology, the Small Business Administration and the Department of Defense through its Technology Reinvestment Program.] Money in the Missouri [technology 12investment program] science and innovation reinvestment fund shall be 13 used to carry out the provisions of sections [348.251] 348.250 to 348.275. Moneys 14for business modernization programs, technology application programs, technology commercialization programs and technology development programs established pursuant to the provisions of sections [348.251] 348.250 to 348.275 17shall be available from appropriations made by the general assembly from the 18 19 Missouri [technology investment] science and innovation reinvestment 20fund. Any moneys remaining in the Missouri [technology investment] science and innovation reinvestment fund at the end of any fiscal year shall not lapse 2122to the general revenue fund, as provided in section 33.080, but shall remain in the Missouri [technology investment] science and innovation reinvestment 23fund. 24

[2. Notwithstanding the provisions of sections 173.500 to 173.565, RSMo, 26 the Missouri technology investment fund shall be utilized to fund projects which would previously have been funded through the higher education applied projects fund.

348.265. 1. As soon as practicable after the effective date of this

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act, the director of the department of economic development, with the assistance of the director of the department of revenue, shall establish the base year gross wages and report the amount of the base year gross wages to the president and board of the corporation, the governor, and the general assembly. Within one hundred eighty days after the end of each fiscal year beginning with the fiscal year ending June 30, 2011, and for each subsequent fiscal year prior to the end of the last funding year, the director of economic development, with the assistance of the 10 director of the department of revenue, shall determine and report to 11 the president and board of the corporation, governor, and general assembly the amount by which aggregate science and innovation 12employees' gross wages for the fiscal year exceeds the base year gross 13 wages. The director of economic development and the director of the 14 department of revenue may consider any verifiable evidence, including 15 but not limited to the NAICS codes assigned or recorded by the United 16 States Department of Labor for companies with employees in the state, 17 when determining which organizations should be classified as science 18 19 and innovation companies.

- 2. Notwithstanding section 23.250 to the contrary, for each of the twenty-five funding years, beginning July 1, 2012, subject to appropriation, the director of revenue shall transfer to the Missouri science and innovation reinvestment fund an amount not to exceed an amount equal to the product of the applicable percentage multiplied by an amount equal to the increase in aggregate science and innovation employees' gross wages for the prior fiscal year, over the base year gross wages. The director of revenue may make estimated payments to the Missouri science and innovation reinvestment fund more frequently based on estimates provided by the director of revenue and reconciled annually.
- 3. Local political subdivisions may contribute to the Missouri science and innovation reinvestment fund through a grant, contract, or loan by dedicating a portion of any sales tax or property tax increase resulting from increases in science and innovation company economic activity occurring after the effective date of this act, or other such taxes or fees as such local political subdivisions may establish.
- 4. Funding generated by the provisions of this section shall be expended by the corporation to further its purposes as specified in

section 348.256. 39

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- 40 5. Upon enactment of this section, the corporation shall prepare a strategic plan for the use of the funding to be generated by the 41 42 provisions of this section, and may consult with science and innovation partners, including, but not limited to the research alliance of Missouri, 43 as established in section 348.257; the life sciences research board 44established in section 196.1103; and the innovation centers or centers 45 for advanced technology, as established in section 348.272. The 46 47 corporation shall make a draft strategic plan available for public comment prior to publication of the final strategic plan.
 - 348.269. 1. Nothing contained in sections 348.250 to 348.275 shall be construed as a restriction or limitation upon any powers that the corporation might otherwise have under chapter 355, and the provisions of sections 348.250 to 348.275 are cumulative to such powers.
 - 2. Nothing in sections 348.250 to 348.275 shall be construed as allowing the board to sell the corporation or substantially all of the assets of the corporation, or to merge the corporation with another institution, without prior authorization by the general assembly.
- 9 3. Notwithstanding the provisions of section 23.253 to the contrary, the provisions of sections 348.250 to 348.275 shall not sunset.
- 11 4. The provisions of sections 348.250 to 348.275 shall not 12 terminate before the satisfaction of all outstanding obligations, notes, 13 and bonds provided for under sections 348.250 to 348.275.
- 5. If any provision of this act or the application thereof is held invalid, the invalidity shall not affect other provisions or applications 15 of the act that can be given effect without the invalid provision or 16 application, and to this end the provisions of this act are severable. Insofar as the provisions of sections 348.250 to 348.275 are inconsistent with the provisions of any other law, general, specific or 19 20 local, the provisions of sections 348.250 to 348.275 shall be controlling.
 - 348.271. 1. In order to foster the growth of Missouri's economy and to stimulate the creation of new jobs in [technology-based] science and innovation-based industry for the state's work force, the Missouri technology corporation, in accordance with the provisions of this section and within the limits of appropriations therefor is authorized to contract with Missouri not-for-profit corporations for the operation of innovation centers within the state. The primary emphasis of some, if not of all innovation centers, shall be in

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the areas of [technology commercialization, finance and business modernization. Innovation centers operated under the provisions of this section shall provide assistance to individuals and business organizations during the 10 11 early stages of the development of new technology-based] science and innovation-based business ventures. Such assistance may include the provision 1213 of facilities, equipment, administrative and managerial support, planning assistance, and such other services and programs that enhance the development 14 15 of such ventures and such assistance may be provided for fees or other consideration. 16

- 2. The innovation centers operated under this section shall counsel and 17 assist the new [technology-based] science and innovation-based business 18 ventures in finding a suitable site in the state of Missouri for location of the 19 business upon its graduation from the innovation program. Each innovation 20 center shall annually submit a report of its activities to the department of 21economic development and the Missouri technology corporation which shall 22include, but not be limited to, the success rate of the businesses graduating from 23 the center, the progress and locations of businesses which have graduated from 24 the center, the types of businesses which have graduated from the center, and the 25 number of jobs created by the businesses involved in the center. 26
 - 3. Any contract signed between the corporation and any not-for-profit organization to operate an innovation center in accordance with the provisions of this section shall require that the not-for-profit organization must provide at least a one-hundred-percent match for the funding received from the corporation pursuant to appropriation therefor.

348.300. As used in sections 348.300 to 348.318, the following terms 2 mean:

3 (1) "Commercial activity located in Missouri", any research, development,
4 prototype fabrication, and subsequent precommercialization activity, or any
5 activity related thereto, conducted in Missouri for the purpose of producing a
6 service or a product or process for manufacture, assembly or sale or developing
7 a service based on such a product or process by any person, corporation,
8 partnership, joint venture, unincorporated association, trust or other organization
9 doing business in Missouri. Subsequent to January 1, 1999, a commercial activity
10 located in Missouri shall mean only such activity that is located within a
11 distressed community, as defined in section 135.530;

- 12 (2) "Follow-up capital", capital provided to a commercial activity located 13 in Missouri in which a qualified fund has previously invested seed capital or 14 start-up capital and which does not exceed ten times the amount of such seed and 15 start-up capital;
- 16 (3) "Person", any individual, corporation, partnership, or other entity, 17 including any charitable corporation which is exempt from federal income tax and 18 whose Missouri unrelated business taxable income, if any, would be subject to the 19 state income tax imposed under chapter 143;
- 20 (4) "Qualified contribution", cash contribution to a qualified fund;
 - (5) "Qualified economic development organization", any corporation organized under the provisions of chapter 355 which has as of January 1, 1991, obtained a contract with the department of economic development to operate an innovation center to promote, assist and coordinate the research and development of new services, products or processes in the state of Missouri; and the Missouri technology corporation organized pursuant to the provisions of sections [348.253 to 348.266] 348.250 to 348.275;
 - (6) "Qualified fund", any corporation, partnership, joint venture, unincorporated association, trust or other organization which is established under the laws of Missouri after December 31, 1985, which meets all of the following requirements established by this subdivision. The fund shall have as its sole purpose and business the making of investments, of which at least ninety percent of the dollars invested shall be qualified investments. The fund shall enter into a contract with one or more qualified economic development organizations which shall entitle the qualified economic development organizations to receive not less than ten percent of all distributions of equity and dividends or other earnings of the fund. Such contracts shall require the qualified fund to transfer to the Missouri technology corporation organized pursuant to the provisions of sections [348.253 to 348.266] 348.250 to 348.275 this interest and make corresponding distributions thereto in the event the qualified economic development organization holding such interest is dissolved or ceases to do business for a period of one year or more;
 - (7) "Qualified investment", any investment of seed capital, start-up capital, or follow-up capital in any commercial activity located in Missouri;
 - (8) "Seed capital", capital provided to a commercial activity located in Missouri for research, development and precommercialization activities to prove a concept for a new product or process or service, and for activities related

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- 49 (9) "Start-up capital", capital provided to a commercial activity located in 50 Missouri for use in preproduction product development or service development or 51 initial marketing thereof, and for activities related thereto;
- 52 (10) "State tax liability", any state tax liability incurred by a taxpayer 53 under the provisions of chapters 143, 147 and 148, exclusive of the provisions 54 relating to the withholding of tax as provided for in sections 143.191 to 143.265 55 and related provisions;
 - (11) "Uninvested capital", the amount of any distribution, other than of earnings, by a qualified fund made within five years of the issuance of a certificate of tax credit as provided by sections 348.300 to 348.318; or the portion of all qualified contributions to a qualified fund which are not invested as qualified investments within five years of the issuance of a certificate of tax credit as provided by sections 348.300 to 348.318 to the extent that the amount not so invested exceeds ten percent of all such qualified contributions.

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