2011 RECONVENED SESSION

REENROLLED

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VIRGINIA ACTS OF ASSEMBLY - CHAPTER

- An Act to amend and reenact §§ 2.2-2220, 2.2-2221, 2.2-2233.1, and 2.2-3711 of the Code of Virginia;
 to amend the Code of Virginia by adding sections numbered 2.2-2220.1 and 2.2-2221.2; and to repeal § 2.2-2233.2 of the Code of Virginia, relating to investment in research and technology in the
- 5 Commonwealth.

6 7 [H 2324]

Approved

8 Be it enacted by the General Assembly of Virginia:

9 1. That §§ 2.2-2220, 2.2-2221, 2.2-2233.1, and 2.2-3711 of the Code of Virginia are amended and 10 reenacted and that the Code of Virginia is amended by adding sections numbered 2.2-2220.1 and 11 2.2-2221.2 as follows:

12 § 2.2-2220. Board of directors; members; President.

13 The Authority shall be governed by a board of directors consisting of 13 15 members appointed as follows: (i) two presidents of the major research state institutions of higher education, and one president 14 15 representing the other state institutions of higher education, appointed by the Governor; (ii) three nonlegislative citizen members appointed by the Governor; (iii) six nonlegislative citizen members 16 appointed by the General Assembly as follows: three nonlegislative citizen members appointed by the 17 Speaker of the House from a list recommended by the House Committee on Science and Technology 18 19 and the Joint Commission on Technology and Science; three nonlegislative citizen members appointed by the Senate Committee on Rules from a list recommended by the Senate Committee on General Laws 20 21 and Technology and the Joint Commission on Technology and Science; and (iv) the Secretary of Technology, the Secretary of Commerce and Trade, and the Secretary of Education, who shall serve ex 22 23 officio with full voting privileges.

24 One nonlegislative citizen member appointed by the Governor, one nonlegislative citizen member 25 appointed by the Speaker of the House, and one nonlegislative citizen member appointed by the Senate 26 Committee on Rules shall each have experience as a founding member of a technology company based 27 upon intellectual property that has successfully secured a minimum of \$5 million of institutional venture capital. One nonlegislative citizen member appointed by the Governor, one nonlegislative citizen 28 29 member appointed by the Speaker of the House, and one nonlegislative citizen member appointed by the 30 Senate Committee on Rules shall each have experience as an institutional venture capital investment 31 partner in a fund with a minimum of \$250 million of limited partner investment and a minimum of five 32 years of fund operations. One nonlegislative citizen member appointed by the Governor, one nonlegislative citizen member appointed by the Speaker of the House, and one nonlegislative citizen 33 34 member appointed by the Senate Committee on Rules shall each have experience as a senior executive 35 in a technology or scientific research and development company with annual revenues in excess of \$50 36 million.

37 The Secretary of Technology, Secretary of Commerce and Trade, and Secretary of Education shall 38 serve a term terms coincident with his term their terms of office. After the initial staggering of terms, 39 nonlegislative citizen members and presidents shall be appointed for terms of two years. Vacancies in 40 the membership of the Board shall be filled in the same manner as the original appointments for the 41 unexpired portion of the term. No nonlegislative citizen member or president shall be eligible to serve 42 for more than three successive two-year terms; however, after the expiration of a term of one year, or 43 after the expiration of the remainder of a term to which appointed to fill a vacancy, three additional terms may be served by such member if appointed thereto. Members of the Board shall be subject to 44 45 removal from office in like manner as are state, county, town and district officers under the provisions of §§ 24.2-230 through 24.2-238. Immediately after appointment, the members of the Board shall enter 46 47 upon the performance of their duties.

48 The Board shall annually elect from among its members a chairman and a vice-chairman. The Board 49 shall also elect annually a secretary, who need not be a member of the Board, and may also elect such 50 other subordinate officers who need not be members of the Board, as it deems proper. The chairman, or 51 in his absence, the vice-chairman, shall preside at all meetings of the Board. In the absence of both the 52 chairman and vice-chairman, the Board shall appoint a chairman pro tempore, who shall preside at such 53 meetings.

54 The Board shall employ a President of the Authority, who shall serve at the pleasure of the Board, to 55 direct the day-to-day operations and activities of the Authority and carry out such of the powers and 56 duties conferred upon him by the Board. The President and employees of the Authority shall be

compensated in the manner provided by the Board and shall not be subject to the provisions of the 57 Virginia Personnel Act (§ 2.2-2900 et seq.) of this title. 58 59

§ 2.2-2220.1. Research and Technology Investment Advisory Committee.

60 A. The Authority shall be advised by the Research and Technology Investment Advisory Committee 61 (the Advisory Committee). The Advisory Committee shall consist of 10 members as follows: the four 62 vice-provosts of research at major state institutions of higher education from the state institutions of higher education not represented on the Authority, the president and chief executive officer of the 63 64 Virginia Economic Development Partnership, and five citizen members appointed by the Authority. The 65 citizen members shall be appointed as follows: two citizens shall be representatives of venture capital 66 firms or other capital market participants with experience in financing emerging technology businesses, 67 one citizen shall be a representative of an engineering firm with experience in the development of 68 facilities for emerging technology companies, one citizen shall represent an independent or federal 69 research facility in the Commonwealth, and one citizen shall represent a technology company with 70 significant operations in the Commonwealth. A vice-provost of a state institution shall serve until the 71 president of the institution that he represents is appointed to serve on the Authority, at which time the 72 vice-provost of the state institution no longer represented on the Authority shall become a member of 73 the Advisory Committee. Citizen members shall be appointed for terms of four years. A citizen member 74 may be appointed for successive terms.

75 B. The Advisory Committee shall assist the Authority in reviewing applications for awards from the 76 Commonwealth Research Commercialization Fund pursuant to § 2.2-2233.1 and make recommendations 77 to the Authority concerning the awards. In reviewing the applications, the Advisory Committee shall 78 only recommend for award those applications that, based upon the Commonwealth Research and 79 Technology Strategic Roadmap and in the opinion of the Advisory Committee, (i) are based upon sound 80 scientific principles and present an opportunity for valid research, (ii) relate to a key industry sector identified in the Commonwealth Research and Technology Strategic Roadmap as an area of focus for 81 technology investment in the Commonwealth, and (iii) present a significant potential for 82 83 commercialization in the Commonwealth. In the case of an application for an award from the eminent 84 researcher recruitment program pursuant to subdivision D 6 of § 2.2-2233.1, the Advisory Committee 85 shall only consider researchers who conduct viable research with significant potential for 86 commercialization in an area related to a key industry sector identified in the Strategic Roadmap as an 87 area of focus for technology investment in the Commonwealth.

88 § 2.2-2221. Powers of the Authority.

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89 The Authority is granted all powers necessary or convenient for the carrying out of its statutory 90 purposes, including, but not limited to, the following rights and powers to:

91 1. Sue and be sued, implead and be impleaded, complain and defend in all courts.

92 2. Adopt, use, and alter at will a corporate seal.

93 3. Acquire, purchase, hold, use, lease or otherwise dispose of any project and property, real, personal 94 or mixed, tangible or intangible, or any interest therein necessary or desirable for carrying out the 95 purposes of the Authority, and, without limitation of the foregoing, to lease as lessee, any project and 96 any property, real, personal or mixed, or any interest therein, at such annual rental and on such terms 97 and conditions as may be determined by the Board and to lease as lessor to any person, any project and 98 any property, real, personal or mixed, tangible or intangible, or any interest therein, at any time acquired 99 by the Authority, whether wholly or partially completed, at such annual rental and on such terms and 100 conditions as may be determined by the Board, and to sell, transfer or convey any property, real, 101 personal or mixed, tangible or intangible or any interest therein, at any time acquired or held by the 102 Authority on such terms and conditions as may be determined by the board of the Authority.

103 4. Plan, develop, undertake, carry out, construct, improve, rehabilitate, repair, furnish, maintain, and 104 operate projects.

5. Adopt bylaws for the management and regulation of its affairs.

6. Establish and maintain satellite offices within the Commonwealth.

107 7. Fix, alter, charge, and collect rates, rentals, and other charges for the use of projects of, or for the 108 sale of products of or for the services rendered by, the Authority, at rates to be determined by it for the 109 purpose of providing for the payment of the expenses of the Authority, the planning, development, 110 construction, improvement, rehabilitation, repair, furnishing, maintenance, and operation of its projects and properties, the payment of the costs accomplishing its purposes set forth in § 2.2-2219, the payment 111 112 of the principal of and interest on its obligations, and to fulfill the terms and provisions of any 113 agreements made with the purchasers or holders of any such obligations.

114 8. Borrow money, make and issue bonds including bonds as the Authority may determine to issue for the purpose of accomplishing the purposes set forth in § 2.2-2219 or of refunding bonds previously 115 116 issued by the Authority, and to secure the payment of all bonds, or any part thereof, by pledge or deed of trust of all or any of its revenues, rentals, and receipts or of any project or property, real, personal or 117

mixed, tangible or intangible, or any interest therein, and to make agreements with the purchasers or
holders of such bonds or with others in connection with any such bonds, whether issued or to be issued,
as the Authority deems advisable, and in general to provide for the security for the bonds and the rights
of holders thereof.

9. Make and enter into all contracts and agreements necessary or incidental to the performance of its duties, the furtherance of its purposes and the execution of its powers under this article, including agreements with any person or federal agency.

125 10. Employ, in its discretion, consultants, attorneys, architects, engineers, accountants, financial
 126 experts, investment bankers, superintendents, managers and such other employees and agents as may be
 127 necessary, and to fix their compensation to be payable from funds made available to the Authority.

128 11. Receive and accept from any federal or private agency, foundation, corporation, association or person grants to be expended in accomplishing the objectives of the Authority, and to receive and accept from the Commonwealth or any state, and any municipality, county or other political subdivision thereof and from any other source, aid or contributions of either money, property, or other things of value, to be held, used and applied only for the purposes for which such grants and contributions may be made.

133 12. Render advice and assistance, and to provide services, to institutions of higher education and to
134 other persons providing services or facilities for scientific and technological research or graduate
135 education, provided that credit towards a degree, certificate or diploma shall be granted only if such
136 education is provided in conjunction with an institution of higher education authorized to operate in
137 Virginia.

138 13. Develop, undertake and provide programs, alone or in conjunction with any person or federal 139 agency, for scientific and technological research, technology management, continuing education and 140 in-service training, provided that credit towards a degree, certificate or diploma shall be granted only if 141 such education is provided in conjunction with an institution of higher education authorized to operate in 142 Virginia; to foster the utilization of scientific and technological research information, discoveries and data and to obtain patents, copyrights and trademarks thereon; to coordinate the scientific and 143 144 technological research efforts of public institutions and private industry and to collect and maintain data 145 on the development and utilization of scientific and technological research capabilities. The universities 146 set forth in § 2.2-2220 shall be the principal leading universities in the research institutes.

147 14. Pledge or otherwise encumber all or any of the revenues or receipts of the Authority as security148 for all or any of the obligations of the Authority.

149 15. Receive, administer, and market any interest in patents, copyrights and materials that were 150 potentially patentable or copyrightable developed by or for state agencies, public institutions of higher 151 education and political subdivisions of the Commonwealth. The Authority shall return to the agency, 152 institution or political subdivision any revenue in excess of its administrative and marketing costs. When 153 general funds are used to develop the patent or copyright or material that was potentially patentable or 154 copyrightable, any state agency, except a public institution of higher education in Virginia, shall return 155 any revenues it receives from the Authority to the general fund unless the Governor authorizes a 156 percentage of the net royalties to be shared with the developer of the patented, copyrighted, or 157 potentially patentable or copyrightable property.

158 16. Develop a comprehensive research and development strategic roadmap the Commonwealth 159 Research and Technology Strategic Roadmap, pursuant to § 2.2-2221.2 for the Commonwealth to use to 160 identify research areas worthy of institutional focus and Commonwealth investment in order to promote 161 commercialization and economic development efforts in the Commonwealth. Such a roadmap shall 162 incorporate the strategic plan for each research university in the Commonwealth, identify common themes, and make recommendations for alignment of research and development and economic growth in 163 164 the Commonwealth. In developing the strategic roadmap, the Authority shall solicit feedback from both public and private institutions of higher education in the Commonwealth, as well as the private sector. 165 166 The Authority shall review and update the roadmap at least once every three years. The Authority shall submit the roadmap, and any subsequent updates, to the Governor and the chairmen of the Senate 167 168 Finance Committee, the House Appropriations Committee, the Senate Committee on General Laws and 169 Technology, the House Committee on Science and Technology, and the Joint Commission on 170 Technology and Science.

171 17. Foster innovative partnerships and relationships among the Commonwealth, the Commonwealth's state institutions of higher education, the private sector, federal labs, and not-for-profit organizations to improve research and development commercialization efforts.

174 18. Receive and review annual reports from state institutions of higher education regarding the progress of projects funded through the Commonwealth Research Initiative or the Commonwealth Research and Commercialization Fund. The Authority shall develop guidelines, methodologies, and criteria for the reports. The Authority shall aggregate the reports and submit an annual omnibus report on the status of research and development initiatives in the Commonwealth to the Governor and the

179 chairmen of the Senate Finance Committee, the House Appropriations Committee, the Senate Committee 180 on General Laws and Technology, the House Committee on Science and Technology, and the Joint 181 Commission on Technology and Science.

182 19. Develop guidelines for the application, review, and award of funds from the Commonwealth 183 Research and Commercialization Fund pursuant to § 2.2-2233.1. These guidelines shall address, at a 184 minimum, the application process and shall give special emphasis to fostering collaboration between institutions of higher education and partnerships between institutions of higher education and business 185 186 and industry.

187 20. Appoint the citizen members of the Research and Technology Investment Advisory Committee 188 pursuant to § 2.2-2220.1. 21. Do all acts and things necessary or convenient to carry out the powers granted to it by law.

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190 § 2.2-2221.2. Commonwealth Research and Technology Strategic Roadmap.

191 A. The Authority shall develop the Commonwealth Research and Technology Strategic Roadmap (the 192 Roadmap), a comprehensive research and technology strategic roadmap for the Commonwealth to identify research areas worthy of economic development and institutional focus. The goal of the 193 Roadmap shall be to develop a cohesive and comprehensive framework through which to encourage 194 195 collaboration between the Commonwealth's institutions of higher education, private sector industries, 196 and economic development entities in order to focus on the complete life cycle of research, development, 197 and commercialization. The framework shall serve as a means to (i) identify the Commonwealth's key 198 industry sectors in which investments in technology should be made by the Commonwealth, which may 199 include but are not limited to the fields of energy, conservation, environment, microelectronics, robotics 200 and unmanned vehicle systems, advanced shipbuilding, or lifespan biology and medicine, (ii) identify 201 basic and applied research opportunities in these sectors that exhibit commercial promise, (iii) 202 encourage commercialization and economic development activities in the Commonwealth in these 203 sectors, and (iv) help ensure that investments in basic and applied research are made prudently in focused areas for projects with significant potential for commercialization and economic growth in the 204 205 Commonwealth. In developing the Roadmap, the Authority shall:

206 1. Review the strategic plan for each research university in the Commonwealth to identify common 207 themes:

208 2. Catalog the Commonwealth's assets in order to identify the areas of research and development in 209 which the Commonwealth has a great likelihood of excelling in applied research and commercialization; 210 3. Make recommendations for the alignment of research and development and economic growth in

the Commonwealth, identifying the industry sectors in which the Commonwealth should focus its 211 212 research, development, investment, and economic development efforts;

213 4. Establish a process for maintaining an inventory of the Commonwealth's current research and 214 development endeavors in both the public and private sector that can be used to attract research and commercialization excellence in the Commonwealth; 215

216 5. Make recommendations to the Six-Year Capital Outlay Plan Advisory Committee established 217 pursuant to § 2.2-1516 regarding capital construction needs at state institutions of higher education 218 necessary to excel in basic and applied research in identified industry sectors; and

219 6. Develop a policy regarding the ownership and licensing of intellectual property developed through 220 the use of awards from the Commonwealth Research Commercialization Fund.

221 B. In developing the Roadmap, the Authority shall solicit feedback from the Research and 222 Technology Investment Advisory Committee; public and private institutions of higher education in the 223 Commonwealth; federal research and development assets in the Commonwealth including but not limited 224 to NASA Langley Research Center, the Naval Surface Warfare Center, Dahlgren Division, and the 225 Thomas Jefferson National Accelerator Facility (Jefferson Lab); regional technology councils in the 226 Commonwealth; and the private sector. 227

C. The Authority shall review and update the Roadmap at least once every three years.

228 D. The Authority shall submit the Roadmap, and any subsequent updates, to the Governor and the 229 chairmen of the Senate Finance Committee, the House Appropriations Committee, the Senate Committee 230 on General Laws and Technology, the House Committee on Science and Technology, and the Joint 231 Commission on Technology and Science. 232

§ 2.2-2233.1. Commonwealth Research Commercialization Fund; continued; purposes; report.

A. For purposes of this section:

234 "Guidelines" means guidelines developed and published by the Authority regarding the 235 administration of the Commonwealth Research Commercialization Fund.

236 "Qualified research and technologies" means research programs or technologies substantially focused 237 in the following fields: identified in the Commonwealth Research and Technology Strategic Roadmap as 238 areas of focus for technology investment in the Commonwealth, which may include but are not limited to the fields of energy, conservation, environment, microelectronics, robotics and unmanned vehicle 239

240 systems, advanced shipbuilding, or lifespan biology and medicine.

241 "Qualifying institution" means a public or private institution of higher education in the 242 Commonwealth or its associated intellectual property foundation that adopts a policy regarding the 243 ownership, protection, assignment, and use of intellectual property pursuant to § 23-4.3.

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"SBIR" means the Small Business Innovation Research Program authorized under 15 U.S.C. § 638. "STTR" means the Small Business Technology Transfer Program authorized under 15 U.S.C. § 638.

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246 B. From such funds as may be appropriated by the General Assembly and any gifts, grants, or 247 donations from public or private sources, there is created in the state treasury a special nonreverting, 248 permanent fund, to be known as the Commonwealth Research Commercialization Fund (the Fund), to be 249 administered by the Authority pursuant to the guidelines. The Fund shall be established on the books of 250 the Comptroller. Interest earned on moneys in the Fund shall remain in the Fund and be credited to it. 251 Any moneys remaining in the Fund at the end of each fiscal year, including interest thereon, shall not 252 revert to the general fund but shall remain in the Fund. Expenditures and disbursements from the Fund, 253 which may consist of grants or loans, shall be made by the State Treasurer on warrants issued by the 254 Comptroller upon written request bearing the signature of the chairman or the vice-chairman of the 255 Authority, or, if so authorized by the Authority, bearing his facsimile signature, and the official seal of 256 the Authority.

257 C. Awards from the Fund shall be made by the Authority, *pursuant to the guidelines and upon the* 258 recommendation of the Research and Technology Investment Advisory Committee. The chairman of the 259 Authority shall coordinate the evaluation of proposals and may form review panels with the appropriate 260 science and technology expertise to assist in reviewing applicants for grants or loans from the Fund. 261 Awards from the Fund shall only be made to applications that further the goals set forth in the 262 Commonwealth Research and Technology Strategic Roadmap.

263 Specific guidelines for the award of funds from this program shall be established and maintained by 264 the Authority, in consultation with the Virginia Economic Development Partnership and the State 265 Council of Higher Education. These guidelines shall address, at a minimum, the application process and 266 the composition and operation of proposal review panels, and shall give special emphasis to fostering collaboration between institutions of higher education and partnerships between institutions of higher 267 268 education and business and industry. 269

D. Awards from the Fund may be granted for the following programs:

270 1. For fiscal years beginning with a Fund balance of less than \$7 million, an SBIR matching funds 271 program for Virginia-based technology businesses. Businesses meeting the following criteria shall be 272 eligible to apply for an award:

273 a. The applicant has received a Phase I SBIR award from the National Institute of Health targeted at 274 the development of qualified research or technologies;

275 b. The applicant employs fewer than 12 full-time employees; 276

c. At least 51 percent of the applicant's employees reside in Virginia; and

277 d. At least 51 percent of the applicant's property is located in Virginia.

278 Applicants shall be eligible for matching grants of up to \$50,000 of the Phase I award. All applicants 279 shall be required to submit a commercialization plan with their application.

280 2. For fiscal years beginning with a Fund balance of \$7 million or greater, an SBIR and STTR 281 matching funds program for Virginia-based technology businesses. Businesses meeting the following 282 criteria shall be eligible to apply for an award:

283 a. The applicant has received an SBIR or STTR award targeted at the development of qualified 284 research or technologies; 285

b. The applicant employs fewer than 12 full-time employees;

c. At least 51 percent of the applicant's employees reside in Virginia; and

287 d. At least 51 percent of the applicant's property is located in Virginia.

288 Applicants shall be eligible for matching grants of up to \$100,000 for Phase I awards and up to 289 \$500,000 for Phase II awards. All applicants shall be required to submit a commercialization plan with 290 their application.

291 3. A matching funds program to assist qualifying institutions and other research institutions in 292 leveraging federal and private funds designated for the commercialization of qualified research or 293 technologies. The chairman of the Authority is authorized to issue letters of financial commitment to 294 assist applicants in leveraging federal and private funds.

295 4. A facilities enhancement loan program for qualifying institutions and political subdivisions to 296 provide lease or credit guarantees to assist in financing facilities utilized for commercializing qualified 297 research or technologies developed at qualifying institutions. The facilities enhancement loan program 298 shall have the following parameters:

299 a. Qualifying institutions and political subdivisions may apply to the Fund for loans to the extent that 300 such institution's or political subdivision's outstanding principal balance at any one time does not exceed

301 \$500,000. Loan applications shall include business plans that detail and explain the anticipated uses of 302 funds received and the proposed repayment schedule.

303 b. Loans from the Fund shall take the form of a contractual commitment to the recipient qualifying 304 institution or political subdivision for a line of credit for up to five years, along with an approved 305 schedule of repayment. During the contractual period the recipient qualifying institution or political 306 subdivision may draw upon the line of credit for any expense for which the loan was made, not to exceed the stated amount of the loan award. At the end of the contractual period, the line of credit shall 307 308 terminate and the outstanding balance of the withdrawals on that line of credit shall become the 309 established basis for that loan.

310 c. During the contractual period, deferred interest shall accumulate on the outstanding balance at a 311 rate of three percent compounded annually. Borrowing institutions or political subdivisions may prepay 312 part or all of any loan received from the Fund without penalty, and, if repayment is completed within 313 the contractual period of the line of credit, the accumulated interest obligation shall be forgiven.

314 d. Repayment of the established basis shall consist of a maximum of 84 equal monthly payments of 315 principal and compounded interest at the determined rate beginning on the first day of the month 316 following the end of the contractual period.

317 5. A commercialization program to incentivize the commercialization of a product or service related 318 to a qualifying technology. An eligible applicant shall have operations in the Commonwealth, and the 319 project proposed by the applicant shall: 320

a. Commercialize a product or service related to a qualifying technology;

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b. Have a demonstrable economic development benefit to the Commonwealth;

322 c. Match the award, on at least a one-to-one basis, from other available funds, including funds from 323 an institution of higher education collaborating on the project; and

d. Have a reasonable probability of enhancing the Commonwealth's national and global 324 325 competiveness.

326 Priority shall be given to those applications that propose projects that (i) are collaborative between 327 private and nonprofit entities, public or private agencies, and qualifying institutions or research 328 institutions; (ii) project a short time to commercialization, although transformative projects with a 329 longer projected time to commercialization shall not be discounted; (iii) have active third-party equity 330 holders; (iv) have technology and management in place that are likely to successfully bring the product 331 or service to the marketplace; or (v) are from applicants who have a history of successful projects 332 funded by the Fund.

333 6. An eminent researcher recruitment program to acquire and enhance research superiority at public 334 qualifying institutions. For purposes of applications pursuant to this subdivision, the applicant shall be a 335 state institution of higher education. In order to qualify for an award, the applicant shall:

336 a. Demonstrate that the researcher being recruited would create research superiority at the 337 institution;

338 b. Demonstrate that the institution making the application has sufficient technology transfer processes 339 and other research capabilities in place to meet the needs of the researcher being recruited; 340

c. Involve a private sector partner with business operations in the Commonwealth;

d. Demonstrate that the research conducted by the researcher is in a qualifying technology; and

342 e. Match the award, on at least a one-to-one basis, with 50 percent of the match from the applicant 343 and 50 percent of the match from the private sector partner.

344 E. Any application for an award from the Fund shall include a strategic plan that, at a minimum, 345 identifies (i) how the proposed project fits into the Commonwealth Research and Technology Strategic 346 Roadmap, (ii) other funds that may be reasonably expected from other sources as a result of an award 347 from the Fund, (iii) the potential for commercialization of the research or technology underlying the 348 application, and (iv) opportunities for public and private collaboration.

349 F. No award shall be made from the Fund until a performance agreement or memorandum of 350 understanding is agreed to by the Authority and the recipient of the award memorializing the terms and 351 conditions of the award. Such agreement or memorandum of understanding shall set forth any 352 conditions for receipt of the award, any dates certain for the completion of certain acts by the recipient, 353 and provisions for the repayment of any award, including the rate of interest to be charged if any, if the 354 recipient does not meet the terms of the agreement. In the event that an award is to be made over a 355 multi-year period, the performance agreement or memorandum of understanding shall establish certain 356 benchmarks or performance standards against which to measure the interim success of the project 357 before additional funds are disbursed from the Fund.

358 G. The chairman of the Authority shall provide the Governor and the General Assembly with an 359 annual report to include a detailed list of awards and loans committed, the amount of each approved award or loan, a description of the approved proposals, and the amount of federal or private matching 360 funds anticipated where applicable, a statement concerning how the approved proposals further the 361

362 goals of the Commonwealth Research and Technology Strategic Roadmap, and an assessment of the363 effectiveness of the Fund.

H. Administrative expenses related to implementing the guidelines and review process may be reimbursed from the Fund.

366 § 2.2-3711. Closed meetings authorized for certain limited purposes.

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A. Public bodies may hold closed meetings only for the following purposes:

368 1. Discussion, consideration, or interviews of prospective candidates for employment; assignment, 369 appointment, promotion, performance, demotion, salaries, disciplining, or resignation of specific public 370 officers, appointees, or employees of any public body; and evaluation of performance of departments or 371 schools of public institutions of higher education where such evaluation will necessarily involve 372 discussion of the performance of specific individuals. Any teacher shall be permitted to be present 373 during a closed meeting in which there is a discussion or consideration of a disciplinary matter that 374 involves the teacher and some student and the student involved in the matter is present, provided the 375 teacher makes a written request to be present to the presiding officer of the appropriate board.

2. Discussion or consideration of admission or disciplinary matters or any other matters that would
involve the disclosure of information contained in a scholastic record concerning any student of any
Virginia public institution of higher education or any state school system. However, any such student,
legal counsel and, if the student is a minor, the student's parents or legal guardians shall be permitted to
be present during the taking of testimony or presentation of evidence at a closed meeting, if such
student, parents, or guardians so request in writing and such request is submitted to the presiding officer
of the appropriate board.

383 3. Discussion or consideration of the acquisition of real property for a public purpose, or of the
 384 disposition of publicly held real property, where discussion in an open meeting would adversely affect
 385 the bargaining position or negotiating strategy of the public body.

386 4. The protection of the privacy of individuals in personal matters not related to public business.

5. Discussion concerning a prospective business or industry or the expansion of an existing business or industry where no previous announcement has been made of the business' or industry's interest in locating or expanding its facilities in the community.

390 6. Discussion or consideration of the investment of public funds where competition or bargaining is
 involved, where, if made public initially, the financial interest of the governmental unit would be
 adversely affected.

393 7. Consultation with legal counsel and briefings by staff members or consultants pertaining to actual 394 or probable litigation, where such consultation or briefing in open meeting would adversely affect the 395 negotiating or litigating posture of the public body; and consultation with legal counsel employed or 396 retained by a public body regarding specific legal matters requiring the provision of legal advice by such counsel. For the purposes of this subdivision, "probable litigation" means litigation that has been specifically threatened or on which the public body or its legal counsel has a reasonable basis to believe 397 398 399 will be commenced by or against a known party. Nothing in this subdivision shall be construed to 400 permit the closure of a meeting merely because an attorney representing the public body is in attendance 401 or is consulted on a matter.

402 8. In the case of boards of visitors of public institutions of higher education, discussion or 403 consideration of matters relating to gifts, bequests and fund-raising activities, and grants and contracts **404** for services or work to be performed by such institution. However, the terms and conditions of any such 405 gifts, bequests, grants, and contracts made by a foreign government, a foreign legal entity, or a foreign 406 person and accepted by a public institution of higher education in Virginia shall be subject to public 407 disclosure upon written request to the appropriate board of visitors. For the purpose of this subdivision, 408 (i) "foreign government" means any government other than the United States government or the 409 government of a state or a political subdivision thereof; (ii) "foreign legal entity" means any legal entity 410 created under the laws of the United States or of any state thereof if a majority of the ownership of the 411 stock of such legal entity is owned by foreign governments or foreign persons or if a majority of the 412 membership of any such entity is composed of foreign persons or foreign legal entities, or any legal 413 entity created under the laws of a foreign government; and (iii) "foreign person" means any individual 414 who is not a citizen or national of the United States or a trust territory or protectorate thereof.

415 9. In the case of the boards of trustees of the Virginia Museum of Fine Arts, the Virginia Museum
416 of Natural History, and The Science Museum of Virginia, discussion or consideration of matters relating
417 to specific gifts, bequests, and grants.

418 10. Discussion or consideration of honorary degrees or special awards.

419 11. Discussion or consideration of tests, examinations, or other records excluded from this chapter420 pursuant to subdivision 4 of § 2.2-3705.1.

421 12. Discussion, consideration, or review by the appropriate House or Senate committees of possible422 disciplinary action against a member arising out of the possible inadequacy of the disclosure statement

423 filed by the member, provided the member may request in writing that the committee meeting not be 424 conducted in a closed meeting.

425 13. Discussion of strategy with respect to the negotiation of a hazardous waste siting agreement or to 426 consider the terms, conditions, and provisions of a hazardous waste siting agreement if the governing 427 body in open meeting finds that an open meeting will have an adverse effect upon the negotiating 428 position of the governing body or the establishment of the terms, conditions and provisions of the siting 429 agreement, or both. All discussions with the applicant or its representatives may be conducted in a 430 closed meeting.

431 14. Discussion by the Governor and any economic advisory board reviewing forecasts of economic432 activity and estimating general and nongeneral fund revenues.

433 15. Discussion or consideration of medical and mental records excluded from this chapter pursuant to434 subdivision 1 of § 2.2-3705.5.

16. Deliberations of the State Lottery Board in a licensing appeal action conducted pursuant to subsection D of § 58.1-4007 regarding the denial or revocation of a license of a lottery sales agent; and discussion, consideration or review of State Lottery Department matters related to proprietary lottery game information and studies or investigations exempted from disclosure under subdivision 6 of § 2.2-3705.3 and subdivision 11 of § 2.2-3705.7.

440 17. Those portions of meetings by local government crime commissions where the identity of, or
441 information tending to identify, individuals providing information about crimes or criminal activities
442 under a promise of anonymity is discussed or disclosed.

18. Those portions of meetings in which the Board of Corrections discusses or discloses the identity
of, or information tending to identify, any prisoner who (i) provides information about crimes or
criminal activities, (ii) renders assistance in preventing the escape of another prisoner or in the
apprehension of an escaped prisoner, or (iii) voluntarily or at the instance of a prison official renders
other extraordinary services, the disclosure of which is likely to jeopardize the prisoner's life or safety.

19. Discussion of plans to protect public safety as it relates to terrorist activity and briefings by staff
members, legal counsel, or law-enforcement or emergency service officials concerning actions taken to
respond to such activity or a related threat to public safety; or discussion of reports or plans related to
the security of any governmental facility, building or structure, or the safety of persons using such
facility, building or structure.

453 20. Discussion by the Board of the Virginia Retirement System, acting pursuant to § 51.1-124.30, or 454 of any local retirement system, acting pursuant to § 51.1-803, or of the Rector and Visitors of the 455 University of Virginia, acting pursuant to § 23-76.1, or by the Board of the Virginia College Savings 456 Plan, acting pursuant to § 23-38.80, regarding the acquisition, holding or disposition of a security or 457 other ownership interest in an entity, where such security or ownership interest is not traded on a governmentally regulated securities exchange, to the extent that such discussion (i) concerns confidential 458 459 analyses prepared for the Rector and Visitors of the University of Virginia, prepared by the retirement **460** system or by the Virginia College Savings Plan or provided to the retirement system or the Virginia 461 College Savings Plan under a promise of confidentiality, of the future value of such ownership interest 462 or the future financial performance of the entity, and (ii) would have an adverse effect on the value of 463 the investment to be acquired, held or disposed of by the retirement system, the Rector and Visitors of 464 the University of Virginia, or the Virginia College Savings Plan. Nothing in this subdivision shall be construed to prevent the disclosure of information relating to the identity of any investment held, the 465 466 amount invested or the present value of such investment.

467 21. Those portions of meetings in which individual child death cases are discussed by the State Child
468 Fatality Review team established pursuant to § 32.1-283.1, and those portions of meetings in which
469 individual child death cases are discussed by a regional or local child fatality review team established
470 pursuant to § 32.1-283.2, and those portions of meetings in which individual death cases are discussed
471 by family violence fatality review teams established pursuant to § 32.1-283.3.

472 22. Those portions of meetings of the University of Virginia Board of Visitors or the Eastern 473 Virginia Medical School Board of Visitors, as the case may be, and those portions of meetings of any 474 persons to whom management responsibilities for the University of Virginia Medical Center or Eastern 475 Virginia Medical School, as the case may be, have been delegated, in which there is discussed 476 proprietary, business-related information pertaining to the operations of the University of Virginia 477 Medical Center or Eastern Virginia Medical School, as the case may be, including business development 478 or marketing strategies and activities with existing or future joint venturers, partners, or other parties 479 with whom the University of Virginia Medical Center or Eastern Virginia Medical School, as the case 480 may be, has formed, or forms, any arrangement for the delivery of health care, if disclosure of such **481** information would adversely affect the competitive position of the Medical Center or Eastern Virginia 482 Medical School, as the case may be.

483 23. In the case of the Virginia Commonwealth University Health System Authority, discussion or

484 consideration of any of the following: the acquisition or disposition of real or personal property where 485 disclosure would adversely affect the bargaining position or negotiating strategy of the Authority; 486 operational plans that could affect the value of such property, real or personal, owned or desirable for 487 ownership by the Authority; matters relating to gifts, bequests and fund-raising activities; grants and 488 contracts for services or work to be performed by the Authority; marketing or operational strategies 489 where disclosure of such strategies would adversely affect the competitive position of the Authority; 490 members of its medical and teaching staffs and qualifications for appointments thereto; and qualifications 491 or evaluations of other employees.

492 24. Those portions of the meetings of the Health Practitioners' Monitoring Program Committee within 493 the Department of Health Professions to the extent such discussions identify any practitioner who may 494 be, or who actually is, impaired pursuant to Chapter 25.1 (§ 54.1-2515 et seq.) of Title 54.1.

495 25. Meetings or portions of meetings of the Board of the Virginia College Savings Plan wherein 496 personal information, as defined in § 2.2-3801, which has been provided to the Board or its employees 497 by or on behalf of individuals who have requested information about, applied for, or entered into prepaid tuition contracts or savings trust account agreements pursuant to Chapter 4.9 (§ 23-38.75 et seq.) 498 499 of Title 23 is discussed.

500 26. Discussion or consideration, by the Wireless Carrier E-911 Cost Recovery Subcommittee created 501 pursuant to § 56-484.15, of trade secrets, as defined in the Uniform Trade Secrets Act (§ 59.1-336 et 502 seq.), submitted by CMRS providers as defined in § 56-484.12, related to the provision of wireless 503 E-911 service.

504 27. Those portions of disciplinary proceedings by any regulatory board within the Department of 505 Professional and Occupational Regulation, Department of Health Professions, or the Board of 506 Accountancy conducted pursuant to § 2.2-4019 or 2.2-4020 during which the board deliberates to reach 507 a decision or meetings of health regulatory boards or conference committees of such boards to consider 508 settlement proposals in pending disciplinary actions or modifications to previously issued board orders as 509 requested by either of the parties.

510 28. Discussion or consideration of records excluded from this chapter pursuant to subdivision 11 of 511 § 2.2-3705.6 by a responsible public entity or an affected local jurisdiction, as those terms are defined in 512 § 56-557, or any independent review panel appointed to review information and advise the responsible 513 public entity concerning such records.

29. Discussion of the award of a public contract involving the expenditure of public funds, including 514 515 interviews of bidders or offerors, and discussion of the terms or scope of such contract, where 516 discussion in an open session would adversely affect the bargaining position or negotiating strategy of 517 the public body.

518 30. Discussion or consideration of grant or loan application records excluded from this chapter 519 pursuant to subdivision 17 of § 2.2-3705.6 by (i) the Commonwealth Health Research Board or (ii) the 520 Innovation and Entrepreneurship Investment Authority or a grant allocation committee the Research and 521 Technology Investment Advisory Committee appointed to advise the Innovation and Entrepreneurship 522 Investment Authority on the grant applications.

523 31. Discussion or consideration by the Commitment Review Committee of records excluded from 524 this chapter pursuant to subdivision 9 of § 2.2-3705.2 relating to individuals subject to commitment as 525 sexually violent predators under Chapter 9 (§ 37.2-900 et seq.) of Title 37.2. 526

32. [Expired.]

527 33. Discussion or consideration of confidential proprietary records and trade secrets excluded from 528 this chapter pursuant to subdivision 18 of § 2.2-3705.6.

529 34. Discussion or consideration by a local authority created in accordance with the Virginia Wireless 530 Service Authorities Act (§ 15.2-5431.1 et seq.) of confidential proprietary records and trade secrets excluded from this chapter pursuant to subdivision 19 of § 2.2-3705.6. 531

532 35. Discussion or consideration by the State Board of Elections or local electoral boards of voting 533 security matters made confidential pursuant to § 24.2-625.1.

534 36. Discussion or consideration by the Forensic Science Board or the Scientific Advisory Committee 535 created pursuant to Article 2 (§ 9.1-1109 et seq.) of Chapter 11 of Title 9.1 of records excluded from 536 this chapter pursuant to subdivision F 1 of § 2.2-3706.

537 37. Discussion or consideration by the Brown v. Board of Education Scholarship Program Awards 538 Committee of records or confidential matters excluded from this chapter pursuant to subdivision 3 of 539 § 2.2-3705.4, and meetings of the Committee to deliberate concerning the annual maximum scholarship 540 award, review and consider scholarship applications and requests for scholarship award renewal, and 541 cancel, rescind, or recover scholarship awards.

542 38. Discussion or consideration by the Virginia Port Authority of records excluded from this chapter 543 pursuant to subdivision 1 of § 2.2-3705.6.

544 39. Discussion or consideration by the Board of Trustees of the Virginia Retirement System acting

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pursuant to § 51.1-124.30, by the Investment Advisory Committee appointed pursuant to § 51.1-124.26,
by any local retirement system, acting pursuant to § 51.1-803, by the Board of the Virginia College
Savings Plan acting pursuant to § 23-38.80, or by the Virginia College Savings Plan's Investment
Advisory Committee appointed pursuant to § 23-38.79:1 of records excluded from this chapter pursuant

549 to subdivision 25 of § 2.2-3705.7.

550 40. Discussion or consideration of records excluded from this chapter pursuant to subdivision 3 of \$2.2-3705.6.

41. Discussion or consideration by the Board of Education of records relating to the denial,
suspension, or revocation of teacher licenses excluded from this chapter pursuant to subdivision 13 of
§ 2.2-3705.3.

42. Those portions of meetings of the Virginia Military Advisory Council, the Virginia National
Defense Industrial Authority, or a local or regional military affairs organization appointed by a local
governing body, during which there is discussion of records excluded from this chapter pursuant to
subdivision 12 of § 2.2-3705.2.

43. Discussion or consideration by the advisory committee for veterans care centers established by
the Commissioner of the Virginia Department of Veterans Services pursuant to § 2.2-2004.1 of records
excluded from this chapter pursuant to subdivision 28 of § 2.2-3705.7.

562 44. Discussion or consideration by the Board of Trustees of the Veterans Services Foundation of records excluded from this chapter pursuant to subdivision 29 of § 2.2-3705.7.

564 45. Discussion or consideration by the Virginia Tobacco Indemnification and Community
565 Revitalization Commission of records excluded from this chapter pursuant to subdivision 23 of
566 § 2.2-3705.6.

567 B. No resolution, ordinance, rule, contract, regulation or motion adopted, passed or agreed to in a
568 closed meeting shall become effective unless the public body, following the meeting, reconvenes in open
569 meeting and takes a vote of the membership on such resolution, ordinance, rule, contract, regulation, or
570 motion that shall have its substance reasonably identified in the open meeting.

571 C. Public officers improperly selected due to the failure of the public body to comply with the other
572 provisions of this section shall be de facto officers and, as such, their official actions are valid until they
573 obtain notice of the legal defect in their election.

574 D. Nothing in this section shall be construed to prevent the holding of conferences between two or 575 more public bodies, or their representatives, but these conferences shall be subject to the same 576 procedures for holding closed meetings as are applicable to any other public body.

577 E. This section shall not be construed to (i) require the disclosure of any contract between the 578 Department of Health Professions and an impaired practitioner entered into pursuant to Chapter 25.1 579 (§ 54.1-2515 et seq.) of Title 54.1 or (ii) require the board of directors of any authority created pursuant 580 to the Industrial Development and Revenue Bond Act (§ 15.2-4900 et seq.), or any public body empowered to issue industrial revenue bonds by general or special law, to identify a business or industry 581 to which subdivision A 5 applies. However, such business or industry shall be identified as a matter of 582 583 public record at least 30 days prior to the actual date of the board's authorization of the sale or issuance 584 of such bonds.

585 2. That the Innovation and Entrepreneurship Investment Authority shall develop the strategic
586 roadmap as required by § 2.2-2221.2 of the Code of Virginia and submit it for review pursuant to
587 subsection D of § 2.2-2221.2 no later than November 1, 2011. No awards from the Commonwealth
588 Research Commercialization Fund shall be made until the strategic roadmap has been completed

589 and submitted for review as set forth above.

590 3. That for purposes of determining whether property was developed "wholly or predominantly"

591 through the use of state general funds for purposes of § 23-4.4 of the Code of Virginia, awards 592 made from the Commonwealth Research Commercialization Fund shall not be considered state 593 general funds.

594 4. That an emergency exists and this act is in force from its passage.

595 5. That § 2.2-2233.2 of the Code of Virginia is repealed.