# **2011 SESSION**

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## HOUSE BILL NO. 2324

AMENDMENT IN THE NATURE OF A SUBSTITUTE

(Proposed by the House Committee on Appropriations

on February 4, 2011)

- (Patrons Prior to Substitute—Delegates Lingamfelter, Nutter [HB 2250], and Purkey [HB 1639])
- 6 A BILL 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 Commonwealth.
- 10 Be it enacted by the General Assembly of Virginia:
- 11 1. That §§ 2.2-2220, 2.2-2221, 2.2-2233.1, and 2.2-3711 of the Code of Virginia are amended and 12 reenacted and that the Code of Virginia is amended by adding sections numbered 2.2-2220.1 and 13 2.2-2221.2 as follows:
  - § 2.2-2220. Board of directors; members; President.
- 15 The Authority shall be governed by a board of directors consisting of 13 15 members appointed as 16 follows: (i) two presidents of the major research state institutions of higher education, and one president 17 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 18 19 appointed by the General Assembly as follows: three nonlegislative citizen members appointed by the 20 Speaker of the House from a list recommended by the House Committee on Science and Technology 21 and the Joint Commission on Technology and Science; three nonlegislative citizen members appointed 22 by the Senate Committee on Rules from a list recommended by the Senate Committee on General Laws 23 and Technology and the Joint Commission on Technology and Science; and (iv) the Secretary of 24 Technology, the Secretary of Commerce and Trade, and the Secretary of Education, who shall serve ex 25 officio with full voting privileges.
- 26 One nonlegislative citizen member appointed by the Governor, one nonlegislative citizen member 27 appointed by the Speaker of the House, and one nonlegislative citizen member appointed by the Senate 28 Committee on Rules shall each have experience as a founding member of a technology company based 29 upon intellectual property that has successfully secured a minimum of \$5 million of institutional venture 30 capital. One nonlegislative citizen member appointed by the Governor, one nonlegislative citizen 31 member appointed by the Speaker of the House, and one nonlegislative citizen member appointed by the 32 Senate Committee on Rules shall each have experience as an institutional venture capital investment partner in a fund with a minimum of \$250 million of limited partner investment and a minimum of five 33 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 34 35 member appointed by the Senate Committee on Rules shall each have experience as a senior executive 36 37 in a technology or scientific research and development company with annual revenues in excess of \$50 38 million.
- 39 The Secretary of Technology, Secretary of Commerce and Trade, and Secretary of Education shall 40 serve a term terms coincident with his term their terms of office. After the initial staggering of terms, 41 nonlegislative citizen members and presidents shall be appointed for terms of two years. Vacancies in 42 the membership of the Board shall be filled in the same manner as the original appointments for the 43 unexpired portion of the term. No nonlegislative citizen member or president shall be eligible to serve for more than three successive two-year terms; however, after the expiration of a term of one year, or 44 after the expiration of the remainder of a term to which appointed to fill a vacancy, three additional 45 terms may be served by such member if appointed thereto. Members of the Board shall be subject to 46 47 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 **48** 49 upon the performance of their duties.
- The Board shall annually elect from among its members a chairman and a vice-chairman. The Board shall also elect annually a secretary, who need not be a member of the Board, and may also elect such other subordinate officers who need not be members of the Board, as it deems proper. The chairman, or in his absence, the vice-chairman, shall preside at all meetings of the Board. In the absence of both the chairman and vice-chairman, the Board shall appoint a chairman pro tempore, who shall preside at such meetings.
- 56 The Board shall employ a President of the Authority, who shall serve at the pleasure of the Board, to 57 direct the day-to-day operations and activities of the Authority and carry out such of the powers and 58 duties conferred upon him by the Board. The President and employees of the Authority shall be 59 compensated in the manner provided by the Board and shall not be subject to the provisions of the

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60 Virginia Personnel Act (§ 2.2-2900 et seq.) of this title.

61 § 2.2-2220.1. Research and Technology Investment Advisory Committee.

62 A. The Authority shall be advised by the Research and Technology Investment Advisory Committee 63 (the Advisory Committee). The Advisory Committee shall consist of 10 members as follows: the four 64 vice-provosts of research at major state institutions of higher education from the state institutions of 65 higher education not represented on the the Authority, and six citizen members appointed by the 66 Authority. The citizen members shall represent research and technology intensive industries and shall be selected for their knowledge of, background in, or experience with basic and applied research, emerging 67 technologies, commercialization of the results and outputs of research activities, and the development 68 and financing of technology intensive enterprises. A vice-provost of a state institution shall serve until 69 70 the president of the institution that he represents is appointed to serve on the Authority, at which time the vice-provost of the state institution no longer represented on the Authority shall become a member 71 72 of the Advisory Committee. Citizen members shall be appointed for terms of four years. A citizen 73 member may be appointed for successive terms.

74 B. The Advisory Committee shall assist the Authority in reviewing applications for awards from the 75 Commonwealth Research Commercialization Fund pursuant to § 2.2-2233.1 and make recommendations 76 to the Authority concerning the awards. In reviewing the applications, the Advisory Committee shall only recommend for award those applications that, based upon the Commonwealth Research and 77 78 Technology Strategic Roadmap and in the opinion of the Advisory Committee, (i) are based upon sound 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 79 80 technology investment in the Commonwealth, and (iii) present a significant potential for 81 commercialization in the Commonwealth. In the case of an application for an award from the eminent 82 researcher recruitment program pursuant to subdivision D 5 of § 2.2-2233.1, the Advisory Committee 83 84 shall only consider researchers who conduct viable research with significant potential for 85 commercialization in an area related to a key industry sector identified in the Strategic Roadmap as an 86 area of focus for technology investment in the Commonwealth.

87 § 2.2-2221. Powers of the Authority.

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

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

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

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

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

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

6. Establish and maintain satellite offices within the Commonwealth.

7. Fix, alter, charge, and collect rates, rentals, and other charges for the use of projects of, or for the 106 sale of products of or for the services rendered by, the Authority, at rates to be determined by it for the 107 108 purpose of providing for the payment of the expenses of the Authority, the planning, development, 109 construction, improvement, rehabilitation, repair, furnishing, maintenance, and operation of its projects 110 and properties, the payment of the costs accomplishing its purposes set forth in § 2.2-2219, the payment of the principal of and interest on its obligations, and to fulfill the terms and provisions of any 111 112 agreements made with the purchasers or holders of any such obligations.

8. Borrow money, make and issue bonds including bonds as the Authority may determine to issue 113 114 for the purpose of accomplishing the purposes set forth in § 2.2-2219 or of refunding bonds previously issued by the Authority, and to secure the payment of all bonds, or any part thereof, by pledge or deed 115 116 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, 118 119 as the Authority deems advisable, and in general to provide for the security for the bonds and the rights 120 of holders thereof.

121 9. Make and enter into all contracts and agreements necessary or incidental to the performance of its

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duties, the furtherance of its purposes and the execution of its powers under this article, includingagreements with any person or federal agency.

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

127 11. Receive and accept from any federal or private agency, foundation, corporation, association or 128 person grants to be expended in accomplishing the objectives of the Authority, and to receive and accept 129 from the Commonwealth or any state, and any municipality, county or other political subdivision thereof 130 and from any other source, aid or contributions of either money, property, or other things of value, to be 131 held, used and applied only for the purposes for which such grants and contributions may be made.

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

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

146 14. Pledge or otherwise encumber all or any of the revenues or receipts of the Authority as security147 for all or any of the obligations of the Authority.

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

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

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

18. Receive and review annual reports from state institutions of higher education regarding the 173 174 progress of projects funded through the Commonwealth Research Initiative or the Commonwealth 175 Research and Commercialization Fund. The Authority shall develop guidelines, methodologies, and 176 criteria for the reports. The Authority shall aggregate the reports and submit an annual omnibus report 177 on the status of research and development initiatives in the Commonwealth to the Governor and the 178 chairmen of the Senate Finance Committee, the House Appropriations Committee, the Senate Committee 179 on General Laws and Technology, the House Committee on Science and Technology, and the Joint 180 Commission on Technology and Science.

181 19. Develop guidelines for the *application, review, and* award of funds from the Commonwealth
 182 Research and Commercialization Fund pursuant to § 2.2-2233.1.*These guidelines shall address, at a*

183 minimum, the application process and shall give special emphasis to fostering collaboration between

184 institutions of higher education and partnerships between institutions of higher education and business 185 and industry.

186 20. Appoint the citizen members of the Research and Technology Investment Advisory Committee to 187 pursuant to § 2.2-2220.1.

188 21. Do all acts and things necessary or convenient to carry out the powers granted to it by law.

189 § 2.2-2221.2. Commonwealth Research and Technology Strategic Roadmap.

190 A. The Authority shall develop the Commonwealth Research and Technology Strategic Roadmap (the 191 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 Roadmap shall be to develop a cohesive and comprehensive framework through which to encourage 192 193 194 collaboration between the Commonwealth's institutions of higher education, private sector industries, 195 and economic development entities in order to focus on the complete life cycle of research, development, 196 and commercialization. The framework shall serve as a means to identify the Commonwealth's key 197 industry sectors in which investments in technology should be made by the Commonwealth, to identify 198 basic and applied research opportunities in these sectors that exhibit commercial promise, to encourage 199 commercialization and economic development activities in the Commonwealth in these sectors, and to 200 help ensure that investments in basic and applied research are made prudently in focused areas for 201 projects with significant potential for commercialization and economic growth in the Commonwealth. In 202 developing the Roadmap, the Authority shall:

203 1. Review the strategic plan for each research university in the Commonwealth to identify common 204 themes;

205 2. Catalog the Commonwealth's assets in order to identify the areas of research and development in 206 which the Commonwealth has a great likelihood of excelling in applied research and commercialization; 3. Make recommendations for the alignment of research and development and economic growth in 207

208 the Commonwealth, identifying the industry sectors in which the Commonwealth should focus its 209 research, development, investment, and economic development efforts;

210 4. Establish a process for maintaining an inventory of the Commonwealth's current research and 211 development endeavors in both the public and private sector that can be used to attract research and 212 commercialization excellence in the Commonwealth:

213 5. Make recommendations to the Six-Year Capital Outlay Plan Advisory Committee established 214 pursuant to § 2.2-1516 regarding capital construction needs at state institutions of higher education 215 necessary to excel in basic and applied research in identified industry sectors; and

216 6. Develop a policy regarding the ownership and licensing of intellectual property developed through 217 the use of awards from the Commonwealth Research Commercialization Fund.

218 B. In developing the Roadmap, the Authority shall solicit feedback from the Research and 219 Technology Investment Advisory Committee; public and private institutions of higher education in the 220 Commonwealth; federal research and development assets in the Commonwealth including but not limited to NASA Langley Research Center, the Naval Surface Warfare Center, Dahlgren Division, and the 221 222 Thomas Jefferson National Accelerator Facility (Jefferson Lab); regional technology councils in the 223 Commonwealth; and the private sector. 224

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

225 D. The Authority shall submit the Roadmap, and any subsequent updates, to the Governor and the 226 chairmen of the Senate Finance Committee, the House Appropriations Committee, the Senate Finance 227 Committee on General Laws and Technology, the House Committee on Science and Technology, and the 228 Joint Commission on Technology and Science. 229

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

A. For purposes of this section:

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231 "Guidelines" means guidelines developed and published by the Authority regarding the 232 administration of the Commonwealth Research Commercialization Fund.

233 "Qualified research and technologies" means research programs or technologies substantially focused 234 in the following fields: energy, conservation, environment, microelectronics, robotics and unmanned vehicle systems, advanced shipbuilding, or lifespan biology and medicine identified in the Commonwealth Research and Technology Strategic Roadmap as areas of focus for technology 235 236 237 investment in the Commonwealth.

238 "Qualifying institution" means a public or private institution of higher education in the 239 Commonwealth or its associated intellectual property foundation that adopts a policy regarding the 240 ownership, protection, assignment, and use of intellectual property pursuant to § 23-4.3. 241

"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. 242

B. From such funds as may be appropriated by the General Assembly and any gifts, grants, or 243 donations from public or private sources, there is created in the state treasury a special nonreverting, 244

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245 permanent fund, to be known as the Commonwealth Research Commercialization Fund (the Fund), to be 246 administered by the Authority *pursuant to the guidelines*. The Fund shall be established on the books of 247 the Comptroller. Interest earned on moneys in the Fund shall remain in the Fund and be credited to it. 248 Any moneys remaining in the Fund at the end of each fiscal year, including interest thereon, shall not 249 revert to the general fund but shall remain in the Fund. Expenditures and disbursements from the Fund, 250 which may consist of grants or loans, shall be made by the State Treasurer on warrants issued by the 251 Comptroller upon written request bearing the signature of the chairman or the vice-chairman of the 252 Authority, or, if so authorized by the Authority, bearing his facsimile signature, and the official seal of 253 the Authority.

254 C. Awards from the Fund shall be made by the Authority, pursuant to the guidelines and upon the 255 recommendation of the Research and Technology Investment Advisory Committee. The chairman of the 256 Authority shall coordinate the evaluation of proposals and may form review panels with the appropriate 257 science and technology expertise to assist in reviewing applicants for grants or loans from the Fund. 258 Awards from the Fund shall only be made to applications that further the goals set forth in the 259 Commonwealth Research and Technology Strategic Roadmap.

260 Specific guidelines for the award of funds from this program shall be established and maintained by 261 the Authority, in consultation with the Virginia Economic Development Partnership and the State 262 Council of Higher Education. These guidelines shall address, at a minimum, the application process and 263 the composition and operation of proposal review panels, and shall give special emphasis to fostering 264 collaboration between institutions of higher education and partnerships between institutions of higher 265 education and business and industry. 266

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

267 1. For fiscal years beginning with a Fund balance of less than \$7 million, an SBIR matching funds 268 program for Virginia-based technology businesses. Businesses meeting the following criteria shall be 269 eligible to apply for an award:

270 a. The applicant has received a Phase I SBIR award from the National Institute of Health targeted at 271 the development of qualified research or technologies;

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

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283 284 c. At least 51 percent of the applicant's employees reside in Virginia; and

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

275 Applicants shall be eligible for matching grants of up to \$50,000 of the Phase I award. All applicants 276 shall be required to submit a commercialization plan with their application.

277 2. For fiscal years beginning with a Fund balance of \$7 million or greater, an SBIR and STTR 278 matching funds program for Virginia-based technology businesses. Businesses meeting the following 279 criteria shall be eligible to apply for an award:

280 a. The applicant has received an SBIR or STTR award targeted at the development of qualified 281 research or technologies; 282

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

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

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

285 Applicants shall be eligible for matching grants of up to \$100,000 for Phase I awards and up to 286 \$500,000 for Phase II awards. All applicants shall be required to submit a commercialization plan with 287 their application.

288 3. A matching funds program to assist qualifying institutions and other research institutions in 289 leveraging federal and private funds designated for the commercialization of qualified research or 290 technologies. The chairman of the Authority is authorized to issue letters of financial commitment to 291 assist applicants in leveraging federal and private funds.

292 4. A facilities enhancement loan program for qualifying institutions and political subdivisions to 293 provide lease or credit guarantees to assist in financing facilities utilized for commercializing qualified 294 research or technologies developed at qualifying institutions. The facilities enhancement loan program 295 shall have the following parameters:

296 a. Qualifying institutions and political subdivisions may apply to the Fund for loans to the extent that 297 such institution's or political subdivision's outstanding principal balance at any one time does not exceed 298 \$500,000. Loan applications shall include business plans that detail and explain the anticipated uses of 299 funds received and the proposed repayment schedule.

300 b. Loans from the Fund shall take the form of a contractual commitment to the recipient qualifying 301 institution or political subdivision for a line of credit for up to five years, along with an approved 302 schedule of repayment. During the contractual period the recipient qualifying institution or political 303 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 304 terminate and the outstanding balance of the withdrawals on that line of credit shall become the 305

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306 established basis for that loan.

307 e. During the contractual period, deferred interest shall accumulate on the outstanding balance at a 308 rate of three percent compounded annually. Borrowing institutions or political subdivisions may prepay 309 part or all of any loan received from the Fund without penalty, and, if repayment is completed within 310 the contractual period of the line of credit, the accumulated interest obligation shall be forgiven.

311 d. Repayment of the established basis shall consist of a maximum of 84 equal monthly payments of 312 principal and compounded interest at the determined rate beginning on the first day of the month 313 following the end of the contractual period.

314 A commercialization program to incentivize the commercialization of a product or service related to 315 a qualifying technology. An eligible applicant shall have operations in the Commonwealth, and the 316 project proposed by the applicant shall:

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

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

319 c. Match the award, on at least a one-to-one basis, from other available funds, including funds from 320 an institution of higher education collaborating on the project; and

321 d. Have a reasonable probability of enhancing the Commonwealth's national and global 322 competiveness.

323 Priority shall be given to those applications that propose projects that (i) are collaborative between 324 private and nonprofit entities, public or private agencies, and qualifying institutions or research institutions; (ii) project a short time to commercialization, although transformative projects with a 325 longer projected time to commercialization shall not be discounted; (iii) have active third-party equity 326 327 holders; (iv) have technology and management in place that are likely to successfully bring the product 328 or service to the marketplace; or (v) are from applicants who have a history of successful projects 329 funded by the Fund.

330 5. An eminent researcher recruitment program to acquire and enhance research superiority at public 331 qualifying institutions. For purposes of applications pursuant to this subdivision, the applicant shall be a 332 state institution of higher education. In order to qualify for an award, the applicant shall:

333 a. Demonstrate that the researcher being recruited would create research superiority at the 334 institution;

335 b. Demonstrate that the institution making the application has sufficient technology transfer processes 336 and other research capabilities in place to meet the needs of the researcher being recruited; 337

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

339 e. Match the award, on at least a one-to-one basis, with 50 percent of the match from the applicant 340 and 50 percent of the match from the private sector partner.

E. Any application for an award from the Fund shall include a strategic plan that, at a minimum, 341 342 identifies (i) how the proposed project fits into the Commonwealth Research and Technology Strategic 343 Roadmap, (ii) other funds that may be reasonably expected from other sources as a result of an award 344 from the Fund, (iii) the potential for commercialization of the research or technology underlying the 345 application, and (iv) opportunities for public and private collaboration.

346 F. No award shall be made from the Fund until a performance agreement or memorandum of 347 understanding is agreed to by the Authority and the recipient of the award memorializing the terms and 348 conditions of the award. Such agreement or memorandum of understanding shall set forth any 349 conditions for receipt of the award, any dates certain for the completion of certain acts by the recipient, 350 and provisions for the repayment of any award, including the rate of interest to be charged if any, if teh 351 recipient does not meet the terms of the agreement. In the event that an award is to be made over a 352 multi-year period, the performance agreement or memorandum of understanding shall establish certain 353 benchmarks or performance standards against which to measure the interim success of the project 354 before additional funds are dispersed from the Fund.

355 G. The chairman of the Authority shall provide the Governor and the General Assembly with an 356 annual report to include a detailed list of awards and loans committed, the amount of each approved 357 award <del>or loan</del>, a description of the approved proposals, and the amount of federal or private matching funds anticipated where applicable, a statement concerning how the approved proposals further the 358 359 goals of the Commonwealth Research and Technology Strategic Roadmap, and an assessment of the 360 effectiveness of the Fund.

361 F. Administrative expenses related to implementing the guidelines and review process may be 362 reimbursed from the Fund. 363

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

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

1. Discussion, consideration, or interviews of prospective candidates for employment; assignment, 365 appointment, promotion, performance, demotion, salaries, disciplining, or resignation of specific public 366 367 officers, appointees, or employees of any public body; and evaluation of performance of departments or

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schools of public institutions of higher education where such evaluation will necessarily involve 368 369 discussion of the performance of specific individuals. Any teacher shall be permitted to be present 370 during a closed meeting in which there is a discussion or consideration of a disciplinary matter that 371 involves the teacher and some student and the student involved in the matter is present, provided the 372 teacher makes a written request to be present to the presiding officer of the appropriate board.

373 2. Discussion or consideration of admission or disciplinary matters or any other matters that would 374 involve the disclosure of information contained in a scholastic record concerning any student of any 375 Virginia public institution of higher education or any state school system. However, any such student, 376 legal counsel and, if the student is a minor, the student's parents or legal guardians shall be permitted to 377 be present during the taking of testimony or presentation of evidence at a closed meeting, if such 378 student, parents, or guardians so request in writing and such request is submitted to the presiding officer 379 of the appropriate board.

380 3. Discussion or consideration of the acquisition of real property for a public purpose, or of the 381 disposition of publicly held real property, where discussion in an open meeting would adversely affect 382 the bargaining position or negotiating strategy of the public body. 383

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

384 5. Discussion concerning a prospective business or industry or the expansion of an existing business 385 or industry where no previous announcement has been made of the business' or industry's interest in 386 locating or expanding its facilities in the community.

387 6. Discussion or consideration of the investment of public funds where competition or bargaining is 388 involved, where, if made public initially, the financial interest of the governmental unit would be 389 adversely affected.

390 7. Consultation with legal counsel and briefings by staff members or consultants pertaining to actual 391 or probable litigation, where such consultation or briefing in open meeting would adversely affect the 392 negotiating or litigating posture of the public body; and consultation with legal counsel employed or 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 393 394 395 specifically threatened or on which the public body or its legal counsel has a reasonable basis to believe 396 will be commenced by or against a known party. Nothing in this subdivision shall be construed to 397 permit the closure of a meeting merely because an attorney representing the public body is in attendance 398 or is consulted on a matter.

399 8. In the case of boards of visitors of public institutions of higher education, discussion or 400 consideration of matters relating to gifts, bequests and fund-raising activities, and grants and contracts 401 for services or work to be performed by such institution. However, the terms and conditions of any such 402 gifts, bequests, grants, and contracts made by a foreign government, a foreign legal entity, or a foreign 403 person and accepted by a public institution of higher education in Virginia shall be subject to public **404** disclosure upon written request to the appropriate board of visitors. For the purpose of this subdivision, (i) "foreign government" means any government other than the United States government or the 405 406 government of a state or a political subdivision thereof; (ii) "foreign legal entity" means any legal entity 407 created under the laws of the United States or of any state thereof if a majority of the ownership of the 408 stock of such legal entity is owned by foreign governments or foreign persons or if a majority of the 409 membership of any such entity is composed of foreign persons or foreign legal entities, or any legal 410 entity created under the laws of a foreign government; and (iii) "foreign person" means any individual 411 who is not a citizen or national of the United States or a trust territory or protectorate thereof.

412 9. In the case of the boards of trustees of the Virginia Museum of Fine Arts, the Virginia Museum 413 of Natural History, and The Science Museum of Virginia, discussion or consideration of matters relating 414 to specific gifts, bequests, and grants.

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

416 11. Discussion or consideration of tests, examinations, or other records excluded from this chapter 417 pursuant to subdivision 4 of § 2.2-3705.1.

418 12. Discussion, consideration, or review by the appropriate House or Senate committees of possible 419 disciplinary action against a member arising out of the possible inadequacy of the disclosure statement 420 filed by the member, provided the member may request in writing that the committee meeting not be 421 conducted in a closed meeting.

422 13. Discussion of strategy with respect to the negotiation of a hazardous waste siting agreement or to 423 consider the terms, conditions, and provisions of a hazardous waste siting agreement if the governing 424 body in open meeting finds that an open meeting will have an adverse effect upon the negotiating 425 position of the governing body or the establishment of the terms, conditions and provisions of the siting 426 agreement, or both. All discussions with the applicant or its representatives may be conducted in a 427 closed meeting.

428 14. Discussion by the Governor and any economic advisory board reviewing forecasts of economic 429 activity and estimating general and nongeneral fund revenues.

430 15. Discussion or consideration of medical and mental records excluded from this chapter pursuant to431 subdivision 1 of § 2.2-3705.5.

432 16. Deliberations of the State Lottery Board in a licensing appeal action conducted pursuant to
433 subsection D of § 58.1-4007 regarding the denial or revocation of a license of a lottery sales agent; and
434 discussion, consideration or review of State Lottery Department matters related to proprietary lottery
435 game information and studies or investigations exempted from disclosure under subdivision 6 of
436 § 2.2-3705.3 and subdivision 11 of § 2.2-3705.7.

437 17. Those portions of meetings by local government crime commissions where the identity of, or438 information tending to identify, individuals providing information about crimes or criminal activities439 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.

450 20. Discussion by the Board of the Virginia Retirement System, acting pursuant to § 51.1-124.30, or of any local retirement system, acting pursuant to § 51.1-803, or of the Rector and Visitors of the 451 University of Virginia, acting pursuant to § 23-76.1, or by the Board of the Virginia College Savings Plan, acting pursuant to § 23-38.80, regarding the acquisition, holding or disposition of a security or 452 453 other ownership interest in an entity, where such security or ownership interest is not traded on a 454 455 governmentally regulated securities exchange, to the extent that such discussion (i) concerns confidential 456 analyses prepared for the Rector and Visitors of the University of Virginia, prepared by the retirement system or by the Virginia College Savings Plan or provided to the retirement system or the Virginia 457 458 College Savings Plan under a promise of confidentiality, of the future value of such ownership interest 459 or the future financial performance of the entity, and (ii) would have an adverse effect on the value of 460 the investment to be acquired, held or disposed of by the retirement system, the Rector and Visitors of 461 the University of Virginia, or the Virginia College Savings Plan. Nothing in this subdivision shall be 462 construed to prevent the disclosure of information relating to the identity of any investment held, the amount invested or the present value of such investment. 463

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

469 22. Those portions of meetings of the University of Virginia Board of Visitors or the Eastern 470 Virginia Medical School Board of Visitors, as the case may be, and those portions of meetings of any 471 persons to whom management responsibilities for the University of Virginia Medical Center or Eastern 472 Virginia Medical School, as the case may be, have been delegated, in which there is discussed 473 proprietary, business-related information pertaining to the operations of the University of Virginia 474 Medical Center or Eastern Virginia Medical School, as the case may be, including business development or marketing strategies and activities with existing or future joint venturers, partners, or other parties 475 476 with whom the University of Virginia Medical Center or Eastern Virginia Medical School, as the case 477 may be, has formed, or forms, any arrangement for the delivery of health care, if disclosure of such 478 information would adversely affect the competitive position of the Medical Center or Eastern Virginia 479 Medical School, as the case may be.

480 23. In the case of the Virginia Commonwealth University Health System Authority, discussion or 481 consideration of any of the following: the acquisition or disposition of real or personal property where 482 disclosure would adversely affect the bargaining position or negotiating strategy of the Authority; 483 operational plans that could affect the value of such property, real or personal, owned or desirable for ownership by the Authority; matters relating to gifts, bequests and fund-raising activities; grants and 484 485 contracts for services or work to be performed by the Authority; marketing or operational strategies 486 where disclosure of such strategies would adversely affect the competitive position of the Authority; members of its medical and teaching staffs and qualifications for appointments thereto; and qualifications **487** 488 or evaluations of other employees.

489 24. Those portions of the meetings of the Health Practitioners' Monitoring Program Committee within490 the Department of Health Professions to the extent such discussions identify any practitioner who may

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**491** be, or who actually is, impaired pursuant to Chapter 25.1 (§ 54.1-2515 et seq.) of Title 54.1.

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

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

501 27. Those portions of disciplinary proceedings by any regulatory board within the Department of 502 Professional and Occupational Regulation, Department of Health Professions, or the Board of 503 Accountancy conducted pursuant to § 2.2-4019 or 2.2-4020 during which the board deliberates to reach 504 a decision or meetings of health regulatory boards or conference committees of such boards to consider 505 settlement proposals in pending disciplinary actions or modifications to previously issued board orders as 506 requested by either of the parties.

507 28. Discussion or consideration of records excluded from this chapter pursuant to subdivision 11 of
508 § 2.2-3705.6 by a responsible public entity or an affected local jurisdiction, as those terms are defined in
509 § 56-557, or any independent review panel appointed to review information and advise the responsible
510 public entity concerning such records.

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

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

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

**523** 32. [Expired.]

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

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

529 35. Discussion or consideration by the State Board of Elections or local electoral boards of voting530 security matters made confidential pursuant to § 24.2-625.1.

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

534 37. Discussion or consideration by the Brown v. Board of Education Scholarship Program Awards
535 Committee of records or confidential matters excluded from this chapter pursuant to subdivision 3 of
536 § 2.2-3705.4, and meetings of the Committee to deliberate concerning the annual maximum scholarship
537 award, review and consider scholarship applications and requests for scholarship award renewal, and
538 cancel, rescind, or recover scholarship awards.

539 38. Discussion or consideration by the Virginia Port Authority of records excluded from this chapter540 pursuant to subdivision 1 of § 2.2-3705.6.

39. Discussion or consideration by the Board of Trustees of the Virginia Retirement System acting 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 to subdivision 25 of § 2.2-3705.7.

547 40. Discussion or consideration of records excluded from this chapter pursuant to subdivision 3 of548 § 2.2-3705.6.

549 41. Discussion or consideration by the Board of Education of records relating to the denial,
550 suspension, or revocation of teacher licenses excluded from this chapter pursuant to subdivision 13 of
551 § 2.2-3705.3.

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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.

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.

561 45. Discussion or consideration by the Virginia Tobacco Indemnification and Community
562 Revitalization Commission of records excluded from this chapter pursuant to subdivision 23 of
563 § 2.2-3705.6.

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

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

571 D. Nothing in this section shall be construed to prevent the holding of conferences between two or 572 more public bodies, or their representatives, but these conferences shall be subject to the same 573 procedures for holding closed meetings as are applicable to any other public body.

574 E. This section shall not be construed to (i) require the disclosure of any contract between the 575 Department of Health Professions and an impaired practitioner entered into pursuant to Chapter 25.1 576 (§ 54.1-2515 et seq.) of Title 54.1 or (ii) require the board of directors of any authority created pursuant to the Industrial Development and Revenue Bond Act (§ 15.2-4900 et seq.), or any public body 577 578 empowered to issue industrial revenue bonds by general or special law, to identify a business or industry 579 to which subdivision A 5 applies. However, such business or industry shall be identified as a matter of 580 public record at least 30 days prior to the actual date of the board's authorization of the sale or issuance 581 of such bonds.

582 2. That no awards from the Commonwealth Research Commercialization Fund shall be made 583 until the Innovation and Entrepreneurship Investment Authority has developed the strategic 584 roadmap as required by § 2.2-2221.1 of the Code of Virginia, and has submitted the roadmap for 585 review to the entities set forth in subsection D of § 2.2-2221.1.

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

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

590 4. That § 2.2-2233.2 of the Code of Virginia is repealed.