

2 ESHB 1776 - S COMM AMD

3 By Committee on Trade, Technology & Economic Development

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5 Strike everything after the enacting clause and insert the
6 following:

7 NEW SECTION. **Sec. 1.** The legislature finds that:

8 (1) The growth and development of innovative, technology-based
9 businesses in Washington are necessary to insure progress and increase
10 the productivity in key areas of our economy, such as agriculture,
11 forest products, communication, environmental technology,
12 biotechnology, medical technology, computer systems, and manufacturing;

13 (2) The fostering and development of innovative technology-based
14 businesses in this state and the proper education and training of
15 individuals to work for these businesses is necessary to assure the
16 growth and stability of the state's economy, adequate employment
17 opportunities providing livable wages, the protection of the
18 environment, and the general welfare of the citizens of this state;

19 (3) Other states have established programs and policies seeking to
20 attract and retain technology-based businesses;

21 (4) It is critical that the state develop state-wide science and
22 technology policies that seek to identify the mechanisms for
23 attracting, developing, and strengthening technology-based industries
24 in the state of Washington, and utilizing new technologies in the
25 operation of state government;

26 (5) Technology has untapped potential to enhance the effectiveness
27 of government at all levels, therefore, efforts should be made to
28 utilize opportunities to reduce the costs of government; and

29 (6) Most technology-related issues of public policy involve more
30 than a single agency of state government, requiring special efforts to
31 harmonize and effect implementation with a minimum of duplication.

32 NEW SECTION. **Sec. 2.** (1) The office of science and technology is
33 created within the department of trade and economic development.

34 (2) A science and technology advisor shall be appointed by the
35 governor to administer this office. The advisor shall be experienced

1 and knowledgeable in the application of science and technology to
2 business, industry, or public policy issues. The advisor shall have
3 the following duties: (a) Staff the science and technology advisory
4 council created in section 4 of this act; (b) assist in the development
5 and implementation of state-wide science and technology policies
6 developed by the advisory council on science and technology; (c) advise
7 the governor and other state agencies on the use of existing and
8 emerging technologies to more efficiently deliver state services and
9 streamline state agencies; (d) seek the staff support of other state
10 agencies in the development and implementation of state-wide science
11 and technology policies; (e) provide oversight of all publicly funded
12 technology transfer programs in the state; and (f) act as a liaison to
13 the higher education coordinating board, the work force training and
14 education coordinating board, and other state agencies and commissions
15 regarding the development and implementation of state-wide science and
16 technology policies. The advisor shall report directly to the director
17 of the department of trade and economic development and the governor.
18 The advisor shall not duplicate the duties of the department of
19 information services and the information services board regarding
20 information technology under chapter 43.105 RCW, but shall incorporate
21 their efforts into a broader science and technology strategy where
22 appropriate.

23 NEW SECTION. **Sec. 3.** The office of science and technology shall
24 have the following responsibilities:

25 (1) Provide staff support for the science and technology advisory
26 council;

27 (2) Provide linkages to federal programs and funding for research
28 and development activities in the state;

29 (3) Represent the state in communications with the federal office
30 of science and technology policy;

31 (4) Conduct an assessment of the technology transfer, and
32 industrial extension and modernization capabilities existing in all
33 federal, state, and private research institutions, state universities,
34 state community and technical colleges, and state agencies. When
35 possible, these capabilities shall be categorized by the sector served
36 by the activities. This assessment shall be used in the development of
37 a state-wide advanced technology network.

1 (5) Participate in the formation of a state-wide advanced
2 technology network that will provide information to small and medium-
3 sized businesses on technology transfer and industrial extension and
4 modernization activities occurring in state universities, community and
5 technical colleges, state-funded technology transfer centers, and
6 private laboratories and federal laboratories within the state;

7 (6) Act as a clearinghouse for small and medium-sized businesses
8 seeking information regarding technology transfer and industrial
9 extension and modernization activities occurring within the state and
10 federal programs and funding available to assist companies in research,
11 development and commercialization efforts; and

12 (7) Foster greater public understanding of the role of science and
13 technology in modern society thus encouraging more individuals to enter
14 technical professions.

15 NEW SECTION. **Sec. 4.** (1) An advisory council on science and
16 technology is created to develop state-wide science and technology
17 policies. The advisory council shall specifically examine and develop
18 policies related to: Strengthening research and development
19 partnerships between industry, academia, and government; development of
20 a work force that is educated and skilled to work in technology-based
21 industries; identifying capital funding options for technology-based
22 companies; creation of incentives for the start up of technology-based
23 companies; expansion and coordination of industrial modernization and
24 technology transfer programs for small and medium-sized businesses.
25 The advisory council shall submit policies to the governor and the
26 legislature for review and adoption.

27 (2) The advisory council shall also serve as a forum to: (a) Help
28 resolve conflicts in the design and implementation of science and
29 technology policies; (b) analyze social, environmental, and economic
30 impacts of technology on the citizens of Washington state; (c) serve as
31 a sounding board for state policy relevant to technological change by
32 bringing together interest groups affected by technological change; (d)
33 develop policies on the use of existing and emerging technology to
34 deliver services and streamline state agencies.

35 (3) The advisory council shall not duplicate the duties of the
36 department of information services and the information services board
37 regarding information technology under chapter 43.105 RCW, but shall

1 incorporate these efforts into a broader science and technology
2 strategy where appropriate.

3 (4)(a) The advisory council on science and technology shall
4 include, but not be limited to, the following members: (i) One member
5 from each of the following industries: Electronics, computer systems,
6 telecommunications, aerospace, biotechnology, environmental technology,
7 health care, banking, and manufacturing who are experienced or
8 knowledgeable in the application of science and technology to business,
9 industry, or the public sector; (ii) one representative from the
10 department of information services and each state agency with a
11 particular interest in the use of new and emerging technologies in the
12 delivery of state services; (iii) one venture capitalist; (iv) one
13 representative of the higher education coordinating board; (v) one
14 representative of K-12 education; (vi) one representative from each of
15 the four-year research universities in the state; (vii) one
16 representative from the two-year community and technical colleges
17 involved in technology transfer or industrial extension and
18 modernization activities; (viii) the executive director of the
19 Washington technology center; (ix) the executive director of the
20 Spokane intercollegiate research and technology institute; (x) one
21 representative of the federal laboratories; (xi) one representative of
22 Pacific Northwest laboratories; (xii) one representative from the Fred
23 Hutchinson research center; (xiii) one representative from Battelle
24 laboratories; (xiv) the science and technology advisor; (xv) the
25 director of the department of trade and economic development or his or
26 her designee; (xvi) the chair of the work force training and education
27 coordinating board; (xvii) and one representative of the general
28 public.

29 (b) Members shall be appointed by the governor. The term of office
30 for each member, excluding the executive director of the Washington
31 technology center, the executive director of the Spokane
32 intercollegiate research and technology institute, the science and
33 technology advisor, the director of the department of trade and
34 economic development, and the chair of the work force training and
35 education coordinating board, shall be three years. Members shall be
36 limited to serving two full terms on the council. The executive
37 director of the Washington technology center, the executive director of
38 the Spokane intercollegiate research and technology institute, the
39 science and technology advisor, the director of the department of trade

1 and economic development, and the chair of the work force training and
2 education coordinating board are exempted from the term limitations.
3 The governor shall stagger the terms of the first group of appointees
4 to ensure the long-term continuity of the board.

5 (c) The advisory council on science and technology shall provide an
6 annual report of its activities to the governor, the senate trade,
7 technology, and economic development committee, and the house of
8 representatives trade and housing committee by January 30th of each
9 year.

10 NEW SECTION. **Sec. 5.** Sections 2 through 4 of this act shall
11 constitute a new chapter in Title 43 RCW.

12 NEW SECTION. **Sec. 6.** The sum of three hundred seventy-seven
13 thousand dollars, or as much thereof as may be necessary, is
14 appropriated for the biennium ending June 30, 1995, from the general
15 fund to the department of trade and economic development for the
16 purposes of sections 2 through 4 of this act.

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20 On page 1, line 1 of the title, after "policies;" strike the
21 remainder of the title and insert "adding a new chapter to Title 43
22 RCW; creating a new section; and making an appropriation."

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