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**SUBSTITUTE SENATE BILL 5579**

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**State of Washington**

**53rd Legislature**

**1993 Regular Session**

**By** Senate Committee on Trade, Technology & Economic Development  
(originally sponsored by Senators Skratek, Erwin, Bluechel, Deccio, M.  
Rasmussen, Bauer, Jesernig, Sellar, Pelz and Winsley)

Read first time 03/01/93.

1 AN ACT Relating to science and technology programs and policies;  
2 adding a new chapter to Title 43 RCW; creating a new section; and  
3 making an appropriation.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

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

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

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

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

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

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

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

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

14 (2) A science and technology advisor shall be appointed by the  
15 governor to administer this office. The advisor shall be experienced  
16 and knowledgeable in the application of science and technology to  
17 business, industry, or public policy issues. The advisor shall have  
18 the following duties: (a) Staff the science and technology advisory  
19 council created in section 4 of this act; (b) assist in the development  
20 and implementation of state-wide science and technology policies  
21 developed by the advisory council on science and technology; (c) advise  
22 the governor and other state agencies on the use of existing and  
23 emerging technologies to more efficiently deliver state services and  
24 streamline state agencies; (d) seek the staff support of other state  
25 agencies in the development and implementation of state-wide science  
26 and technology policies; (e) provide oversight of all publicly funded  
27 technology transfer programs in the state; and (f) act as a liaison to  
28 the higher education coordinating board, the work force training and  
29 education coordinating board, and other state agencies and commissions  
30 regarding the development and implementation of state-wide science and  
31 technology policies. The advisor shall report directly to the director  
32 of the department of trade and economic development and the governor.  
33 The advisor shall not duplicate the duties of the department of  
34 information services and the information services board regarding  
35 information technology under chapter 43.105 RCW, but shall incorporate  
36 their efforts into a broader science and technology strategy where  
37 appropriate.

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

3        (1) Provide staff support for the science and technology advisory  
4 council;

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

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

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

15        (5) Act as a clearinghouse for small and medium-sized businesses  
16 seeking information regarding technology transfer and industrial  
17 extension and modernization activities occurring within the state and  
18 federal programs and funding available to assist companies in research,  
19 development and commercialization efforts; and

20        (6) Foster greater public understanding of the role of science and  
21 technology in modern society thus encouraging more individuals to enter  
22 technical professions.

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

35        (2) The advisory council shall also serve as a forum to:    (a) Help  
36 resolve conflicts in the design and implementation of science and  
37 technology policies; (b) analyze social, environmental, and economic  
38 impacts of technology on the citizens of Washington state; (c) serve as

1 a sounding board for state policy relevant to technological change by  
2 bringing together interest groups affected by technological change; (d)  
3 develop policies on the use of existing and emerging technology to  
4 deliver services and streamline state agencies.

5 (3) The advisory council shall not duplicate the duties of the  
6 department of information services and the information services board  
7 regarding information technology under chapter 43.105 RCW, but shall  
8 incorporate these efforts into a broader science and technology  
9 strategy where appropriate.

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

36 (b) Members shall be appointed by the governor. The term of office  
37 for each member, excluding the executive director of the Washington  
38 technology center, the executive director of the Spokane  
39 intercollegiate research and technology institute, the science and

1 technology advisor, the director of the department of trade and  
2 economic development, and the chair of the work force training and  
3 education coordinating board, shall be three years. Members shall be  
4 limited to serving two full terms on the council. The executive  
5 director of the Washington technology center, the executive director of  
6 the Spokane intercollegiate research and technology institute, the  
7 science and technology advisor, the director of the department of trade  
8 and economic development, and the chair of the work force training and  
9 education coordinating board are exempted from the term limitations.  
10 The governor shall stagger the terms of the first group of appointees  
11 to ensure the long-term continuity of the board.

12 (c) The advisory council on science and technology shall provide an  
13 annual report of its activities to the governor, the senate trade,  
14 technology, and economic development committee, and the house of  
15 representatives trade and housing committee by January 30th of each  
16 year.

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

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

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