

S B

2 3 8

SENATE COMMITTEE REPORT

FIRST COMMITTEE OF REFERRAL

Date of 4/30/87 5-DAY NOTICE  
IN ACCORDANCE WITH UNIFORM RULE 23

FURTHER:

\*\*FISCAL NOTE(S) ATTACHED \*\*  
IN ACCORDANCE WITH AS 24.08.035  
(see below)  
4/7/87

DATE TURNED INTO OFFICE 5/7/87

Mr. President:

FINANCE Committee considered SB 238

Alaska Research Policy Act and the science and engineering advisory  
commission; efd.

and recommended:

replace with CS AB 238 (Fin)  same title  
 attached amendment(s) and  new title

do pass

do not pass

no recommendation

individual recommendations

further referral to \_\_\_\_\_

letter of intent adopted and attached

\*\* Committee  attached or  adopted fiscal note(s)  
 zero  fiscal impact

MEMBERS SIGNING DO PASS

OTHER RECOMMENDATIONS

[Signature]  
[Signature]  
[Signature]  
[Signature]  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

[Signature]  
Chairman signature and recommendation **DO PASS**

Committee Backup Attached

STATE OF ALASKA 1987 LEGISLATIVE SESSION  
FISCAL NOTE

**REQUEST:**  
Revision Date: 5/7/87  
Title: An Act Relating to Alaska  
Research Policy  
Sponsor: Rules Committee  
Requestor: Governor

Bill Version: CS SB 238 (Fin)  
 Publish Date: \_\_\_\_\_

Agency Affected: Governor's Office  
BRU: Office of Management & Budget  
Components: Division of Policy

**EXPENDITURES/REVENUES:** (Thousands of Dollars)

OPERATING	FY 87	FY 88	FY 89	FY 90	FY 91	FY 92
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL		200.0				
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
<b>TOTAL OPERATING</b>		200.0				
<b>CAPITAL</b>						
<b>REVENUE</b>						

**FUNDING:** (Thousands of Dollars)

GENERAL FUND		100.0				
FEDERAL FUNDS						
OTHER		100.0				
<b>TOTAL</b>		200.0				

**POSITIONS:**

FULL-TIME		0				
PART-TIME		0				
TEMPORARY		0				

**ANALYSIS :**

\_\_\_\_\_

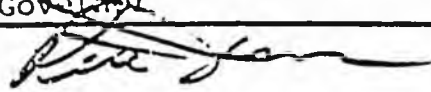
Prepared by: Henry Cole, PhD  
 Division: Office of Management and Budget

Phone: 465-3568  
 Date: 3/25/87

Approved by Commissioner: Pete Jeans, Chief of Staff  
 Agency: Office of the Governor

Date: 3/25/87

- Distribution (by preparer):
- Legislative Finance
  - Legislative Sponsor
  - Requestor
  - Office of Management and Budget
  - Impacted Agency(ies)
  - Senate Secretary



Original sponsor: Rules/Governor

1 IN THE SENATE

BY THE FINANCE COMMITTEE

2 CS FOR SENATE BILL NO. 238 (Finance)

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 FIFTEENTH LEGISLATURE - FIRST SESSION

5 A BILL

6 For an Act entitled: "An Act relating to the Alaska Research Policy Act  
7 and the science and engineering advisory commission;  
8 and providing for an effective date."

9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 \* Section 1. AS 44.19.257(a) is amended to read:

11 (a) The commission is composed of seven [FIVE] members appointed  
12 by the governor as follows:

13 (1) one member is to be appointed from individuals from the  
14 academic institutions of the state with expertise in areas of research  
15 relating to the state including the physical, biological, health,  
16 environmental, social, and behavioral sciences;

17 (2) one member is to be appointed from individuals who are  
18 engaged in activities furthering the welfare of the human and physical  
19 environment and who have expertise in areas of research relating to  
20 the state, including the physical, biological, health, environmental,  
21 social, and behavioral sciences;

22 (3) one member is to be appointed from state departments  
23 with research needs; [AND]

24 (4) one member is to be appointed from individuals familiar  
25 with the state and representative of the needs and interests of  
26 private industry;

27 (5) one member is to be appointed from individuals with  
28 experience in national and international research programs;

29 (6) one member is to be appointed from the general public;

1        and

2                (7) the senior science advisor in the governor's office,  
3 who serves as chairman and director of the commission.

4 \* Sec. 2. AS 44.19.263 is amended to read:

5                Sec. 44.19.263. POWER AND DUTIES OF THE COMMISSION. The commis-  
6 sion shall

7                (1) with the senior science advisor, develop and recommend  
8 an integrated state research policy;

9                (2) provide policy information to the governor and the  
10 legislature on matters that have scientific and engineering signifi-  
11 cance;

12                (3) receive scientific and engineering information from the  
13 academic and industrial communities;

14                (4) act in an advocacy role for scientific and engineering  
15 issues and science education important to the state that might other-  
16 wise be overlooked;

17                (5) assist state agencies in assessing research needs and  
18 establishing priorities among them;

19                (6) facilitate cooperation between state agencies and the  
20 University of Alaska and other academic institutions and industry;

21                (7) recommend methods to improve logistical planning and  
22 support for scientific and engineering research conducted in the state  
23 by state, federal, or international agencies, private industry, the  
24 general public, or private research organizations [NEEDED STATE  
25 RESEARCH];

26                (8) recommend [SUGGEST] methods for improving efficient  
27 acquisition, storage, transfer, [SHARING] and dissemination of scien-  
28 tific and engineering data and information [IN THE STATE] among inter-  
29 ested public and private institutions and the general public;

1 (9) promote science education and training for young scien-  
2 tists and engineers to pursue careers in the state and the Arctic;

3 (10) cooperate with the federal [FEDERAL] Arctic Research  
4 Commission in the formulation of the Arctic research policy; and

5 (11) not later than September 30 of each year, present to  
6 the governor the commission's recommended research priorities of the  
7 state for the next fiscal year.

8 \* Sec. 3. AS 44.19.263 is amended by adding a new subsection to read:

9 (b) The commission may

10 (1) receive money from private and government sources; and

11 (2) award contracts and grants to accomplish the purposes  
12 of AS 44.19.251 - 44.19.265.

13 \* Sec. 4. AS 44.19 is amended by adding a new section to read:

14 Sec. 44.19.264. APPROPRIATIONS. Appropriations made for the  
15 purposes of AS 44.19.251 - 44.19.265 are not one-year appropriations  
16 and do not lapse under AS 37.25.010.

17 \* Sec. 5. Notwithstanding AS 44.19.259, the initial terms of members of  
18 the science and engineering advisory commission appointed under AS 44.19.-  
19 257(a)(5) and (6), enacted by sec. 1 of this Act, are for three years.

20 \* Sec. 6. This Act takes effect immediately under AS 01.10.070(c).  
21  
22  
23  
24  
25  
26  
27  
28  
29

*See p 2-3*

*FINANCE*  
BY THE ~~RULES~~ COMMITTEE BY  
~~REQUEST OF THE GOVERNOR~~

1 IN THE SENATE

2

CS FOR SENATE BILL NO. 238 (Fin)

3

IN THE LEGISLATURE OF THE STATE OF ALASKA

4

FIFTEENTH LEGISLATURE - FIRST SESSION

5

A BILL

6 For an Act entitled: "An Act relating to the Alaska Research Policy Act

7

and the science and engineering advisory commission;

8

and providing for an effective date."

9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 \* Section 1. AS 44.19.257(a) is amended to read:

11 (a) The commission is composed of seven [FIVE] members appointed  
12 by the governor as follows:

13 (1) one member is to be appointed from individuals from the  
14 academic institutions of the state with expertise in areas of research  
15 relating to the state including the physical, biological, health,  
16 environmental, social, and behavioral sciences;

17 (2) one member is to be appointed from individuals who are  
18 engaged in activities furthering the welfare of the human and physical  
19 environment and who have expertise in areas of research relating to  
20 the state, including the physical, biological, health, environmental,  
21 social, and behavioral sciences;

22 (3) one member is to be appointed from state departments  
23 with research needs; [AND]

24 (4) one member is to be appointed from individuals familiar  
25 with the state and representative of the needs and interests of pri-  
26 vate industry;

27 (5) one member is to be appointed from individuals with  
28 experience in national and international research programs;

29 (6) one member is to be appointed from the general public;

1        and

2                (7) the senior science advisor in the governor's office,  
3 who serves as chairman and director of the commission.

4 \* Sec. 2. AS 44.19.263 is amended to read:

5                Sec. 44.19.263. POWERS AND DUTIES OF THE COMMISSION. (a) The  
6 commission shall

7                (1) with the senior science advisor, develop and recommend  
8 an integrated state research policy;

9                (2) provide policy information to the governor and the leg-  
10 islature on matters that have scientific and engineering significance;

11                (3) receive scientific and engineering information from the  
12 academic and industrial communities;

13                (4) act in an advocacy role for scientific and engineering  
14 issues and science education important to the state that might other-  
15 wise be overlooked;

16                (5) assist state agencies in assessing research needs and  
17 establishing priorities among them;

18                (6) facilitate cooperation between state agencies and the  
19 University of Alaska and other academic institutions and industry;

20                (7) recommend methods to improve logistical planning and  
21 support for needed ~~state research~~;

22                (8) suggest methods for improving efficient sharing and  
23 dissemination of data and information [~~in the state~~] among interested  
24 public and private institutions;

25                (9) promote science education and training for young scien-  
26 tists and engineers to pursue careers in the state and the Arctic;

27                (10) cooperate with the Federal Arctic Research Commission  
28 in the formulation of the Arctic research policy; and

29                (11) not later than September 30 of each year, present to

*See p 2-3*

FINANCE  
BY THE ~~RULES~~ COMMITTEE BY  
~~REQUEST OF THE GOVERNOR.~~

1 IN THE SENATE

2

CS FOR SENATE BILL NO. 238 (Fin)

3

IN THE LEGISLATURE OF THE STATE OF ALASKA

4

FIFTEENTH LEGISLATURE - FIRST SESSION

5

A BILL

6 For an Act entitled: "An Act relating to the Alaska Research Policy Act  
7 and the science and engineering advisory commission;  
8 and providing for an effective date."

9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 \* Section 1. AS 44.19.257(a) is amended to read:

11 (a) The commission is composed of seven [FIVE] members appointed  
12 by the governor as follows:

13 (1) one member is to be appointed from individuals from the  
14 academic institutions of the state with expertise in areas of research  
15 relating to the state including the physical, biological, health,  
16 environmental, social, and behavioral sciences;

17 (2) one member is to be appointed from individuals who are  
18 engaged in activities furthering the welfare of the human and physical  
19 environment and who have expertise in areas of research relating to  
20 the state, including the physical, biological, health, environmental,  
21 social, and behavioral sciences;

22 (3) one member is to be appointed from state departments  
23 with research needs; [AND]

24 (4) one member is to be appointed from individuals familiar  
25 with the state and representative of the needs and interests of pri-  
26 vate industry;

27 (5) one member is to be appointed from individuals with  
28 experience in national and international research programs;

29 (6) one member is to be appointed from the general public;

1        and

2                (7) the senior science advisor in the governor's office,  
3        who serves as chairman and director of the commission.

4        \* Sec. 2. AS 44.19.263 is amended to read:

5                Sec. 44.19.263. POWERS AND DUTIES OF THE COMMISSION. (a) The  
6        commission shall

7                (1) with the senior science advisor, develop and recommend  
8        an integrated state research policy;

9                (2) provide policy information to the governor and the leg-  
10        islature on matters that have scientific and engineering significance;

11                (3) receive scientific and engineering information from the  
12        academic and industrial communities;

13                (4) act in an advocacy role for scientific and engineering  
14        issues and science education important to the state that might other-  
15        wise be overlooked;

16                (5) assist state agencies in assessing research needs and  
17        establishing priorities among them;

18                (6) facilitate cooperation between state agencies and the  
19        University of Alaska and other academic institutions and industry;

20                (7) recommend methods to improve logistical planning and  
21        support for needed ~~state research~~;

22                (8) ~~suggest~~ methods for improving efficient sharing and  
23        dissemination of data and information [~~in the state~~] among interested  
24        public and private institutions;

25                (9) promote science education and training for young scien-  
26        tists and engineers to pursue careers in the state and the Arctic;

27                (10) cooperate with the Federal Arctic Research Commission  
28        in the formulation of the Arctic research policy; and

29                (11) not later than September 30 of each year, present to

\* Insert New  
Language

1 the governor the commission's recommended research priorities of the  
2 state for the next fiscal year.

3 (b) The commission may

4 (1) receive money from private and government sources;

5 (2) award<sup>contracts and</sup> grants to accomplish the purposes of AS 44.19.251

6 -- 44.19.265.

7 \* Sec. 3. AS 44.19 is amended by adding a new section to read:

8 Sec. 44.19.264. APPROPRIATIONS. Appropriations made for the  
9 purposes of AS 44.19.251 -- 44.19.265 are not one-year appropriations  
10 and do not lapse under AS 37.25.010.

11 \* Sec. 4. Notwithstanding AS 44.19.259, the initial terms of members of  
12 the science and engineering advisory commission appointed under AS 44.19.-  
13 257(a)(5) and (6), enacted by sec. 1 of this Act, are for three years.

14 \* Sec. 5. This Act takes effect immediately under AS 01.10.070(c).

Senate Finance Committee

Committee Substitute for Senate Bill No. 238

Sec. 44.19.263 POWERS AND DUTIES OF THE COMMISSION. (a) the commission shall

p 2  
l 21

(7) recommend methods to improve logistical planning and support for scientific and engineering research conducted in Alaska by state, federal or international agencies, private industry or the general public, (~~needed state research~~);  
or private research organizations

Am to Am  
Adopted

p 2  
l 22-24

(8) recommend (~~suggest~~) methods for improving efficient acquisition, storage, transfer (~~sharing~~) and dissemination of scientific and engineering data and information [~~in the state~~] among interested public and private institutions (+) and the general public;

Am to Am  
Adopted

(b) The commission may

sources; ~~X~~ (1) receive money ~~X~~ from private and ~~X~~ government

Already in  
SB 238

p 3  
l 5

(2) award contracts and grants to accomplish the purposes of AS 44.19.251 -- 44.19.265.

20 288-239

STEVE COWPER  
GOVERNOR



STATE OF ALASKA  
OFFICE OF THE GOVERNOR  
JUNEAU

April 6, 1987

The Honorable Jan Faiks  
President of the Senate  
Alaska State Legislature  
P.O. Box V  
Juneau, AK 99811

Dear Senator Faiks:

Under the authority of art. III, sec. 18, of the Alaska Constitution, I am transmitting two bills, a substantive measure and an appropriation bill, relating to the Alaska Research Policy Act and the science and engineering advisory commission in the Office of the Governor. AS 44.19.251 -- 44.19.265.

Section 1 of the substantive bill amends AS 44.19.257(a) to increase the size of the science and engineering advisory commission from five to seven members. Section 2 of the bill amends AS 44.19.263 to authorize the commission to receive money from private, as well as government sources, and to award grants to accomplish the purposes of the Alaska Research Policy Act. In sec. 3 of the bill, proposed AS 44.19.264 is added to the Research Policy Act to ensure that appropriations made to carry out the purposes of that Act do not lapse at the end of a fiscal year, but, instead, can be carried forward.

The appropriation bill appropriates \$100,000 to the science and engineering advisory commission to implement the Research Policy Act.

I believe that a key to the rejuvenation and redirection of Alaska's economy is the stimulation of our intellectual resources. This is necessary in order to formulate practical solutions to problems with which we are confronted. These solutions include the creation of new products from our natural resources, improvement in the understanding of our fisheries, and developing Arctic technology, as well as the resolution of a host of other questions that will arise as Alaskans seek to become players in the world markets for value-added goods and services. The expertise gained in reaching these solutions will allow us to come to the world bargaining table as an equal player.

The world's economy is moving toward more capital intensive production of goods designed to serve the mass consumer markets of Asia, Europe, and North America. Those countries and corporations that are the most successful have recognized the need to keep abreast of rapidly changing technical knowledge by investing heavily in applied and basic research. If we in Alaska are to compete, we need to follow this example by endowing a research foundation that will work with Alaska's entrepreneurs to help solve technical problems and provide basic information.

The passage of these bills will initiate a process that will, I hope, lead to a proposal for an Alaska Research Foundation. The current commission will be expanded to allow the inclusion of a member who has expertise in international research and a member from the general public. I will direct the commission to leverage the state contribution with those of federal agencies and private donors, in order to fund research projects that meet the following basic criteria:

1. The project must produce technical knowledge capable of leading to the start-up of a new industry, the improvement of an existing industry, or the understanding of an important Alaskan problem.

2. The project should lead to results within a predictable and short time period (such as within two years). A predictable time frame means that the problem has been adequately analyzed beforehand.

3. Even though the project leads to the solution of a practical Alaskan problem, the knowledge gained should be useful in solving related and broader scientific questions.

4. The overall size of the project should be small enough so that a relatively small amount of money could make a difference. The grant would be seed money or a necessary first step of a potentially larger effort.

5. Projects that could stimulate matching money from industry or the federal government would be desirable. In that case, other money might be obtained resulting to a greater degree of success.

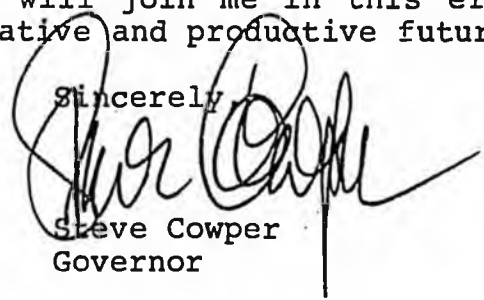
sh-238-234

Hon. Jan Faiks

Page 3

Building upon its experience gained in disbursing these grants, combined with a review of successful research foundations and the advice of Alaska's business and scientific communities, the commission will propose a plan for the creation of a permanent research foundation. I hope that members of the legislature will join me in this effort to move Alaska into a more creative and productive future.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Cowper", written over the word "Sincerely,".

Steve Cowper  
Governor

STEVE COWPER, GOVERNOR

**OFFICE OF THE GOVERNOR**

OFFICE OF MANAGEMENT AND BUDGET  
DIVISION OF POLICY

P.O. BOX AD  
JUNEAU, ALASKA 99811  
PHONE: (907) 465-3568

May 6, 1987

The Honorable Don Bennett  
and Johne Binkley  
Co-Chairmen  
Senate Finance Committee  
P.O. Box V  
Juneau, AK 99811

Dear Senators Bennett and Binkley:

Enclosed are amendments to SB 238 and SB 239, relating to the Science and Engineering Advisory Commission which is scheduled for your committee tomorrow morning.

The reason for the changes is to be more explicit and strengthen the language in the bill dealing with logistical planning for research and data management. These two topics are important as policy and planning issues for the conduct of research, particularly in Alaska.

The last change, relating to finance, is to include the granting of contracts as well as grants to accomplish the purposes of the commission. Contracts refer to necessary studies of a particular scientific or engineering area in Alaska which are essential for the formulation of policy and other duties of the Commission.

This last change of language is to be also applied to the SB 239, the appropriations bill.

I appreciate your consideration of these proposals.

Sincerely,



Henry Cole  
Special Assistant for  
Science & Technology

HC/dmc/87D-292

Enclosures

cc: Senate Finance Committee

Senate Finance Committee

Committee Substitute for Senate Bill No. 238

Sec. 44.19.263 POWERS AND DUTIES OF THE COMMISSION. (a) the commission shall

(7) recommend methods to improve logistical planning and support for scientific and engineering research conducted in Alaska by state, federal or international agencies, private industry or the general public (needed. state research);

(8) recommend (suggest) methods for improving efficient acquisition, storage, transfer (sharing) and dissemination of scientific and engineering data and information in the state among interested public and private institutions (;) and the general public;

(b) The commission may

(1) receive money from private and government sources;

(2) award contracts and grants to accomplish the purposes of AS 44.19.251 -- 44.19.265.

Senate Finance Committee

Committee Substitute for Senate Bill No. 239

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

Section 1. The sum of \$100,000 is appropriated from the general fund to the Office of the Governor, science and engineering advisory commission (AS 44.19.255), for costs associated with carrying out its powers and duties, including awarding contracts and grants, under AS 44.19.263.

Sec. 2. This Act takes effect immediately under AS 01.10.070(c).

(2) act for the state in the initiation, investigation, evaluation of or participation in any program relative to the stated purpose of AS 44.19.141 — 44.19.152 which may involve more than one government or governmental unit;

(3) on behalf of the state, accept and expend any gifts or grants made to the state with the approval of the governor where such gifts or grants were made for the purposes of furthering the objectives of the office. (§ 1 ch 219 SLA 1970; am §§ 18, 19 ch 63 SLA 1983; am § 43 ch 106 SLA 1986)

*Effect of amendments.* — The 1988 amendment, effective July 1, 1987, added "contracting under this paragraph is gov," earned by AS 36.30 (State Procurement Code)" at the end of paragraph (1) of sub-section (b).

**Article 14. Governor's Commission on Transportation Safety.**

*Secs. 44.19.190 — 44.19.192. [Repealed, § 2 ch 97 SLA 1986.]*

**Article 14A. Alaska Research Policy Act.**

<b>Section</b>	<b>Section</b>
251. Purpose	259. Term of members of commission
253. Statement of policy	261. Expenses and per diem
255. Science and engineering advisory commission	263. Duties of the commission
257. Members of commission	265. Short title

**Sec. 44.19.251. Purpose.** The purpose of the Alaska Research Policy Act is to establish state research policy, priorities, and goals, and to provide a plan for basic and applied scientific research for the state, including natural resources and materials, physical, biological, and health sciences, and social and behavioral sciences. (§ 1 ch 32 SLA 1986)

*Revisor's notes.* — Enacted as AS 44.19.250. Renumbered in 1986.

**Sec. 44.19.253. Statement of policy.** It is the policy of the state in AS 44.19.251 — 44.19.265, to recognize the important role that scientific and engineering research and science education play for the people of the state and the entire nation. The policy will make it possible to

- (1) find, develop, and manage the natural renewable and nonrenewable resources of the state's land and water economically and in an environmentally acceptable fashion;
- (2) manage the unique features of the environment, fauna, and flora of the state and protect them from harmful man-made and natural influences;

(3) investigate and mitigate the effects of natural hazards such as earthquakes, volcanic eruptions, avalanches, permafrost, and other hazards that occur in the state;

(4) construct, operate, and maintain transportation systems, communications, housing, and other facilities suited to the state's conditions;

(5) develop new technologies adapted to the unique conditions and needs of the state;

(6) improve the health and well being through the life cycle of the state's inhabitants; and

(7) identify and address future social and economic challenges facing the state. (§ 1 ch 32 SLA 1986)

Revisor's notes. — Enacted as AS  
44.19.252. Renumbered in 1986.

**Sec. 44.19.255. Science and engineering advisory commission.** The science and engineering advisory commission is established as a permanent advisory agency in the Office of the Governor. (§ 1 ch 32 SLA 1986)

Revisor's notes. — Enacted as AS  
44.19.254. Renumbered in 1986.

**Sec. 44.19.257. Members of commission.** (a) The commission is composed of five members appointed by the governor as follows:

(1) one member is to be appointed from individuals from the academic institutions of the state with expertise in areas of research relating to the state including the physical, biological, health, environmental, social, and behavioral sciences;

(2) one member is to be appointed from individuals who are engaged in activities furthering the welfare of the human and physical environment and who have expertise in areas of research relating to the state, including the physical, biological, health, environmental, social, and behavioral sciences;

(3) one member is to be appointed from state departments with research needs; and

(4) one member is to be appointed from individuals familiar with the state and representative of the needs and interests of private industry;

(5) the senior science advisor in the governor's office, who serves as chairman and director of the commission.

(b) The members must be residents of the state and shall be appointed without regard to political affiliation. (§ 1 ch 32 SLA 1986)

Revisor's notes. — Enacted as AS  
44.19.258. Renumbered in 1986.

**Sec. 44.19.259. Term of members of commission.** Members of the commission, other than the senior science advisor, serve staggered terms of four years and until a successor qualifies and is appointed. (§ 1 ch 32 SLA 1986)

Revisor's notes. — Enacted as AS (1)al members, see § 2, ch. 32, SLA 1986,  
44.19.258. Renumbered in 1986. (2) in the Temporary and Special Acts.  
Cross references. — For terms of inf-

**Sec. 44.19.261. Expenses and per diem.** A member of the commission serves without compensation but is entitled to travel expenses and per diem prescribed for state boards and commissions under AS 39.20.180. (§ 1 ch 32 SLA 1986)

Revisor's notes. — Enacted as AS  
44.19.260. Renumbered in 1986.

**Sec. 44.19.263. Duties of the commission.** The commission shall  
(1) with the senior science advisor, develop and recommend an integrated state research policy;

(2) provide policy information to the governor and the legislature on matters that have scientific and engineering significance;

(3) receive scientific and engineering information from the academic and industrial communities;

(4) act in an advocacy role for scientific and engineering issues and science education important to the state that might otherwise be overlooked;

(5) assist state agencies in assessing research needs and establishing priorities among them;

(6) facilitate cooperation between state agencies and the University of Alaska and other academic institutions and industry;

(7) recommend methods to improve logistical planning and support for needed state research;

(8) suggest methods for improving efficient sharing and dissemination of data and information in the state among interested public and private institutions;

(9) promote science education and training for young scientists and engineers to pursue careers in the state and the Arctic;

(10) cooperate with the Federal Arctic Research Commission in the formulation of the Arctic research policy; and

(11) not later than September 30 of each year, present to the governor the commission's recommended research priorities of the state for the next fiscal year. (§ 1 ch 32 SLA 1986)

Revisor's notes. — Enacted as AS 44.19.262. Renumbered in 1986.

Sec. 44.19.265. Short title. AS 44.19.251 — 44.19.265 may be cited as the Alaska Research Policy Act. (§ 1 ch 32 SLA 1986)

Revisor's notes. — Enacted as AS 44.19.264. Renumbered in 1986.

**Article 15. Equal Employment Opportunity.**

Section	Section
441. Office and director	446. Employment discrimination complaints
442. Powers and duties of the office	447. Retaliation prohibited
443. Administrative regulations	448. Access to confidential records
444. Affirmative action plan	449. Definitions
445. Compliance with affirmative action plan	

---

Editor's notes. — Section 44.19.441 — 44.19.449, which were enacted as Article 9 of this chapter, have been designated as Article 15. Section 3, ch. 97, SLA 1985 provides that ch. 97 (which enacted AS 44.19.441 — 44.19.449) "may not be applied to limit the right of a person to file a complaint with the State Commission for Human Rights under AS 18.80.100."

---

**Sec. 44.19.441. Office and director.** The office of equal employment opportunity is established in the Office of the Governor. The governor shall appoint a director to administer the office. (§ 2 ch 97 SLA 1985)

**Sec. 44.19.442. Powers and duties of the office.** (a) The office shall administer the equal employment opportunity program for the executive branch of state government to ensure compliance with AS 44.19.441 — 44.19.449 and shall

(1) assist state officials to carry out their equal employment opportunity responsibilities, including promoting the recruitment, employment, training, and retention of members of protected classes, and recommend solutions to any problems identified;

(2) train state managers and supervisors in their equal employment opportunity and affirmative action responsibilities and offer orientation programs to employees to inform them of their rights and responsibilities under AS 44.19.441 — 44.19.449;

(3) monitor records of personnel actions, develop auditing and reporting systems to acquire statistical information, and prepare federal and state reports concerning the composition of the work force;

(4) prepare and submit the affirmative action plan for employment in the executive branch of state government to the governor;

SENATE COMMITTEE REPORT

FURTHER:

JUDICIARY  
FINANCE

DATE TURNED INTO OFFICE \_\_\_\_\_

3/3/87

Mr. President:

HESS

Committee considered SB 56

making effective an annuity program and amendments to the longevity bonus program and the permanent fund dividend program provided in secs. 2 - 18, ch. 99, SLA 1985; efd.

and recommended:

replace with \_\_\_\_\_ CS FOR \_\_\_\_\_ )  same title  
 or adopt \_\_\_\_\_ CS FOR SB 56(SA) )  new title  
 attached amendment(s) and \_\_\_\_\_

do pass

do not pass

no recommendation

individual recommendations

further referral to \_\_\_\_\_

letter of intent adopted \_\_\_\_\_

Committee  attached or  adopted fiscal note(s)

new  updated or  previous  
 zero  fiscal impact

MEMBERS SIGNING DO PASS

OTHER RECOMMENDATIONS

[Signature]  
[Signature]  
[Signature]  
[Signature]  
[Signature]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Paul A. Grub Do Pass  
Chairman signature and recommendation

Committee Backup Attached

AN ACT RELATING TO ALASKA RESEARCH POLICY

Henry Cole

Applied research projects which are to be selected from Alaskan Research and Developments grants need to meet certain criteria:

1. The project must produce technical knowledge capable of leading to the start up of a new industry, the improvement of an existing industry or the understanding of an important Alaskan problem.
2. The project should lead to results within a predictable and short time period (such as within 2 years). (The fact that the time frame is predictable means that the problem has been adequately analyzed beforehand.)
3. Even through the project leads to the solution of a practical Alaskan problem, the knowledge gained should be useful in solving related and broader scientific questions.
4. The overall size of the task would be small enough so that a relatively small amount of money could make a difference. The grant would be seed money or a necessary first step of what could be a larger effort.
5. Projects which could stimulate matching funds from industry or the federal government would be desirable. In that case other monies might be obtained resulting to a greater degree of success.

The reason for criteria #3 and #5 is that the existence of a related scientific question could very likely connect this local Alaskan problem to scientific questions of national or global interest. The National Science Foundation and National Oceanic and Atmospheric Administration have considerable interest in funding research in Alaska on basic questions of biological and chemical oceanography, the interaction of the Bering Sea ice edge with nutrients and primary productivity, ocean currents and meteorology.

Federal priorities in research in seven basic areas have been set forth in the working document of the 1984 Arctic Research Policy Act. This document serves as an important point of connection between State and federal research efforts. Federal/State coordinating committees are already assigned for the areas of fisheries, health and logistics. These areas have been identified to be of the highest priority for action by the Arctic Research Commission. In these and other areas which

have been identified, federal agencies would welcome joint participation if the State would pick up some of the costs. And a mechanism for the near term release of small amounts of federal money help could be sought through our congressional delegation. Furthermore, careful initial planning, involvement and awareness by the Alaskan business and scientific communities would generate enthusiasm, lead to possible matching of funds and insure the endorsement of this grant process for future applied research and development schemes.

The execution of these proposals would be according to the following plan.

1. The State appropriation to this pilot effort is \$100,000 which will be matched by an additional \$100,000 from private individuals.
2. The choice of a suitable project(s) would be made by the Science and Engineering Advisory Commission, instituted by the Alaska Research Policy Act.

Listed below are possible candidates for study which have recently come to my attention. The actual and final choices would be based upon submitted proposals and a proper review process. These examples are listed merely to illustrate the projects which seem to fit the above criteria.

1. Fisheries: Fisheries return data such as overall harvest size and composition and age/size structure is essential for analyzing population status and trends. These data could be provided by a shipboard observer program. Such information permits increased harvest predictability and is necessary for long-term sustainable-yield management of the resource. In addition, such information may apply to our understanding of the overall health and stability of the ecosystem. Certain components of that ecosystem (southern and central Bering Sea), such as marine mammals, have been subject to severe population declines in recent years, for reasons which are poorly understood.
2. Fisheries: Parasitism Research: Investigations into the distribution, causes, and controlling factors of diseases and parasitism affecting commercial fish and shellfish populations could have obvious benefits in terms of increased harvests and resource stability. One such instance which would bear further investigation is the nemertean parasite which attacks crab eggs during incubation. Studies should probably concentrate efforts at possible methods of control, which would probably derive from increased understanding of the life history of the parasite and factors which control its populations.

3. Health: A pathology study on the aorta and heart tissue of atherosclerosis victims from non-native and native Alaskan populations whose diets have been documented. This study would provide a solid link between seafood diet and the characteristics of the heart tissue at death. A clear result could lead to major future federal funding of \$3m to investigate the hypothesis that a seafood diet reduces the chance of atherosclerosis.
4. Logistics: To produce a document which lists the types and utility of remote logistic sites and transportation available for field research in Alaska. More than one half the cost of field science in Alaska is logistical. Military, State agencies and the university would be sources of information.