

**FOR INFORMATION**

**SIMON FRASER UNIVERSITY**

S. 82-81A

**MEMORANDUM**

To..... Mr. H. Evans  
..... Secretary to Senate  
Subject.....

From..... K. George Pedersen  
..... President  
Date..... September 8, 1982

Enclosed is a memo dated August 24, 1982 from Dr. E.M. Scott and attached financial statistical information for Canadian universities.

I think that this is an excellent report and thought that it would be of interest to members of Senate, particularly in areas where there are comparative data relating to SFU.



Enclosure

:ajj

**RECEIVED**

SEP 9 1982

REGISTRAR'S OFFICE  
MAIL ROOM

# SIMON FRASER UNIVERSITY

## MEMORANDUM

To..... Dr. K. G. Pedersen  
..... President  
.....  
Subject... A Comparative Analysis of Financial...  
..... Statistics for Canadian Universities

From..... E.M. Scott  
..... Executive Director of Finance...  
Date..... August 24., 1982.....

The attached Schedule and Tables of comparative operating revenues and expenditures of Canadian Universities and Colleges are comprised of data collected by the Canadian Association of University Business Officers (CAUBO) and compiled by Statistics Canada. Where appropriate, specific data related to SFU have been added.

The definitions of revenue and expenditure classification employed by CAUBO differ somewhat from those used in SFU's financial statements and those at other universities. This fact can and does affect comparisons and should be kept in mind when examining the data. For example:

- 1) Many universities have a decentralized computing capability resulting in the capture of computing costs within faculty budgets. At SFU, a very large proportion of our computing expenditures are captured in the Computer Centre and treated as computing expenses rather than academic expense.
- 2) Some operations are reported as academic expenditures at some Universities, while at others the same expenditures are reported as non-academic expenses. At SFU, Athletics and Recreation Department expenditures are reported under Student Services, whereas the coaches at UBC's School of Physical Education are included in academic expenses.
- 3) Although the details are not identified, it is apparent that costs reported as administrative expense are not treated in the same manner in all institutions. UBC reports the lowest administration and general expenditures in Canada. While a portion of this is presumably attributable to economies of scale, it is also believed that low administrative costs are in part a result of a greater number of expenditures being classed as academic.

In any event, while the Accounting Research Committee of CAUBO continues a progression towards better and more comparable statistics, these data remain the most reliable of any available.

Schedule I shows a percentage analysis of revenue and general purpose operating expenditures compared to the other universities in British Columbia, to universities in the four (4) western provinces and to all universities in Canada who have reported their financial data. General purpose operating expenditures correspond to our operating budget. Sponsored Research Funds, Trust and Endowment Funds and Ancillary Enterprises have been excluded from the analysis.

Dr. K. G. Pedersen

Some of the more significant observations pertaining to Schedule I are:

Revenues

- 1) The percentage of total revenues represented by the Provincial Government Grant is higher in British Columbia than the average for the Western Provinces (85.8%) and the Canadian average (83.5%). SFU depends slightly more on the Provincial Government Grant (88.1%) than either UVic (87.6%) or UBC (86.8%).
- 2) Tuition fee revenue is lower in British Columbia than the average for the Western Provinces (11.4%) and significantly lower than the Canadian average (13.2%). Fee revenue at SFU at (9.0%) is also lower than at UBC (11.0%) and UVic (10.1%).

Expenditure By Object

- 3) The percentage of SFU's operating expenditures being shown in Salaries and Benefits (76.9%) is lower than the Canadian (80.8%) and Western Provinces average (82.9%). It is also lower than UBC (86.9%) and UVic (80.5%). SFU employs external contractors such as Security and Janitorial Services, capturing these charges in Other Expenses. Many other institutions provide these services internally resulting in these expenditures being shown in Salaries and Benefits. Were SFU to do this, Salaries and Benefits in total would rise to 79.2% of the operating budget, while Other Expenses would fall from 6.3% to 4.0%.

Expenditure By Function

- 4) SFU's percentage expenditure (60.0%) on Instruction and Non-Sponsored Research is lower than the Canadian average (64.2%). SFU's expenditure (2.5%) on Non-Credit Instruction, however, is higher than the Canadian average (1.8%).
- 5) Library expenditures (7.7%) continue to exceed the Canadian average (6.8%). Within British Columbia, UBC (7.6%) expends virtually the same proportion as SFU while UVic maintains a significantly higher allocation (10.2%).
- 6) Computing expenditures remain significantly higher than elsewhere. For reasons stated above, this figure may not be fully comparable.
- 7) SFU's reported expenditures on Administration and General is the same as at UVic (8.9%) and comparable to the Canadian average (8.3%). This expenditure is significantly greater than UBC (4.4%) for the reasons noted above.
- 8) Physical Plant (10.0%) is lower than UBC (12.9%), UVic (10.4%) and the Canadian average (13.2%).
- 9) Student Services (5.3%) remain significantly higher than UBC (2.3%), UVic (4.1%), and the Canadian average (2.5%).

August 24, 1982

It has not been possible to include comparative data (as was done last year) by size of university, as measured by FTE student enrolment, since these data are no longer reported in the Statistics Canada publication.

The accompanying Tables report revenue and expenditure data for the 5 years 1976/77 through 1980/81. General operating revenues and expenditures are comprised of the general purpose operating fund, that is SFU's operating budget, trust and endowment funds, sponsored research funds and ancillary services. In contrast to Schedule I, the Tables include Trust and Endowment Funds, Sponsored Research Funds and Ancillary Enterprises in their analysis. Where the analysis is by object, internal and external cost recoveries are captured in Other Expenses. Where the analysis by function, each figure is net of cost recoveries. For comparison purposes, SFU data have been added in the right hand column of each Table.

The above financial statistics are for fiscal years ended in 1981 and as such are one year old. More current data will not be available until mid 1983. Should you have any further questions, I would be pleased to expand upon the above data.

EMS/mr  
Enclosures

c.c. J. Munro  
W. DeVries  
J. Blaney  
J. Webster



## SIMON FRASER UNIVERSITY

Percentage Analysis of General Purpose Operating Revenues  
and Expenditures Relative to Other B.C. Universities  
and to National Average for Fiscal Years Ended in 1981

	SFU	UVic	UBC	77 CANADIAN UNIVERSITIES	WESTERN PROVINCES
<u>Revenues</u>					
1. Federal government grants	0.3	-	0.1	0.1	0.1
2. Provincial government grants	88.1	87.6	86.8	83.5	85.8
3. Municipal government grants	-	-	-	-	-
Total government grants	88.4	87.6	86.9	83.6	85.9
4. Fees	9.0	10.1	11.0	13.2	11.4
5. Gifts, non-government grants	0.2	-	-	0.5	0.2
6. Investment income	2.9	2.3	2.0	1.7	1.9
7. Miscellaneous, including interfund transfers	(0.4)	-	0.1	1.0	0.6
	100.0	100.0	100.0	100.0	100.0
<u>Expenditures by Object</u>					
1. Academic salaries	38.3	45.0	47.6	43.8	45.8
2. Other salaries and wages	31.0	27.8	31.0	29.3	29.7
3. Fringe benefits	7.6	7.7	8.3	7.7	7.4
Total salaries and benefits	76.9	80.5	86.9	80.8	82.9
4. Supplies and expenses	9.2	6.5	5.1	7.1	7.9
5. Library acquisitions	1.9	3.0	2.2	2.0	2.2
6. Furniture and equipment (including rentals)	3.3	5.8	3.7	2.4	2.9
7. Utilities and taxes	2.4	2.3	2.4	4.0	3.8
8. Other expenses net after cost recoveries	6.3	1.9	(0.3)	3.7	0.3
	100.0	100.0	100.0	100.0	100.0
<u>Expenditures by Function</u>					
1. Instruction and non-sponsored research	60.0	59.9	66.2	64.2	65.6
2. Non-credit instruction	2.5	2.2	2.9	1.8	2.7
3. Library	7.7	10.2	7.6	6.8	7.3
4. Computing	5.6	4.3	3.7	3.2	3.4
5. Administrative and general	8.9	8.9	4.4	8.3	6.5
6. Physical Plant	10.0	10.4	12.9	13.2	12.4
7. Student services	5.3	4.1	2.3	2.5	2.1
	100.0	100.0	100.0	100.0	100.0

- "Financial Statistics of Universities & Colleges 1980/81". Prepared by Statistics Canada for the Canadian Association of Business Officers.
- "University Financial Statistics-Analytical tables 1976/77 to 1980/81". Statistics Canada.

Table 1 Summary of University Income and Expenditures and Reporting Institutions, 1976-77 to 1980-81

	1976-77		1977-78		1978-79		1979-80		1980-81		
	\$'000	%	\$'000	%	\$'000	%	\$'000	%	\$'000	%	
<b>INCOME</b>											
<u>General Operating</u>											
Government grants	1,722,566	66.2	1,920,110	65.8	2,089,713	65.5	2,242,943	64.7	2,466,994	63.2	77.0
Fees	281,697	10.8	317,924	10.9	331,798	10.4	348,292	10.0	390,304	10.0	7.9
Gifts, non-government grants	7,272	0.3	7,234	0.2	9,334	0.3	12,532	0.3	14,579	0.4	0.2
Investment income	22,590	0.9	20,717	0.7	28,553	0.9	43,101	1.3	49,720	1.3	2.5
Miscellaneous (1)	17,322	0.6	24,224	0.8	22,898	0.7	25,652	0.8	29,654	0.7	(1.0)
General Purpose											
Operating - Total	2,051,447	78.8	2,290,209	78.5	2,482,296	77.8	2,672,520	77.1	2,951,251	75.6	87.1
Trust and endowment	66,896	2.6	75,755	2.6	94,436	3.0	104,216	3.0	151,930	3.9	0.5
Sponsored research	275,278	10.6	316,971	10.9	363,117	11.4	411,037	11.9	488,534	12.5	6.9
Ancillary enterprises	208,894	8.0	233,219	8.0	250,709	7.8	278,964	8.0	311,204	8.0	5.5
<b>TOTAL</b>	<b>2,602,515</b>	<b>100.0</b>	<b>2,916,154</b>	<b>100.0</b>	<b>3,190,558</b>	<b>100.0</b>	<b>3,466,737</b>	<b>100.0</b>	<b>3,902,919</b>	<b>100.0</b>	<b>100.0</b>
<b>EXPENDITURES</b>											
<u>General Operating</u>											
Academic salaries	894,544	35.0	1,008,171	35.0	1,092,716	35.0	1,180,804	34.6	1,298,003	33.6	33.5
Other salaries	606,360	23.7	669,129	23.2	718,865	23.0	779,688	22.9	869,229	22.5	27.1
Fringe benefits	149,687	5.9	169,427	5.9	188,343	6.0	201,298	5.9	277,173	5.9	6.6
Library acquisitions(2)	41,091	1.6	46,987	1.6	48,786	1.6	53,260	1.5	60,447	1.6	1.7
Supplies and expenses	143,125	5.6	156,296	5.4	165,788	5.3	187,801	5.5	211,413	5.5	8.1
Furniture & equipment	54,294	2.1	56,376	2.0	59,479	1.9	61,495	1.8	72,066	1.9	2.8
Utilities & taxes	92,312	3.6	103,964	3.6	105,521	3.4	109,687	3.2	119,763	3.1	2.1
Other expenses	46,921	1.8	62,883	2.2	76,298	2.4	87,086	2.6	108,290	2.7	5.4
General Purpose											
Operating - Total	2,028,274	79.3	2,273,233	78.9	2,455,796	78.6	2,661,119	78.0	2,966,384	76.8	87.3
Trust and endowment	49,075	1.9	60,565	2.1	61,571	2.0	71,341	2.1	118,161	3.1	0.4
Sponsored research	268,649	10.5	310,302	10.8	357,253	11.4	397,544	11.7	463,365	12.0	6.4
Ancillary enterprises	212,122	8.3	235,097	8.2	250,585	8.0	281,061	8.2	312,741	8.1	5.9
<b>TOTAL</b>	<b>2,558,120</b>	<b>100.0</b>	<b>2,879,197</b>	<b>100.0</b>	<b>3,125,205</b>	<b>100.0</b>	<b>3,411,065</b>	<b>100.0</b>	<b>3,860,651</b>	<b>100.0</b>	<b>100.0</b>
Number of institutions	70		72		73		75		77		

(1) Comprised of miscellaneous income and interfund transfers.

(2) Commencing with 1979-80, "Library Acquisitions" may be reported in the capital fund.

TABLE 3. Summary of University Expenditures by Function for all Reporting Institutions, 1976-77 to 1980-81

	1976-77	1977-78	1978-79	1979-80	1980-81	1980-81
	\$'000	\$'000	\$'000	\$'000	\$'000	SFU
<u>General Operating</u>						
Instruction, non-sponsored research	1,283,368	1,449,077	1,575,693	1,710,011	1,904,349	52.4
Non-credit instruction	26,168	30,795	33,825	43,603	51,751	2.2
Library	141,644	156,651	167,513	180,508	202,988	6.7
Computing	63,367	70,101	74,357	84,580	94,021	4.9
Administration and General	169,978	189,170	206,169	217,227	246,850	7.8
Physical Plant	282,193	321,901	338,760	359,752	392,225	8.2
Student Services	50,551	55,533	59,479	65,438	74,200	4.5
General Purpose Operating - Total	2,028,274	2,273,233	2,455,796	2,661,119	2,966,384	76.8
Trust & Endowment	49,075	60,565	61,571	71,341	118,161	3.1
Sponsored Research	263,649	310,302	357,253	397,544	463,365	12.0
Ancillary Enterprises	212,122	235,097	250,585	291,061	312,741	8.1
<u>TOTAL</u>	<u>2,558,120</u>	<u>2,879,197</u>	<u>3,125,205</u>	<u>3,411,065</u>	<u>3,860,651</u>	<u>100.0</u>
Number of Institutions	70	72	73	75	77	

TABLE 7. ANALYSIS OF UNIVERSITY INCOME AND EXPENDITURES BY REGION FOR 70 INSTITUTIONS WHO REPORTED FOR EACH OF THE FIVE YEARS, 1976-77 TO 1980-81  
(Dollars and Indices)

	1976-77	1977-78	1978-79	1979-80	1980-81	1980-81
	\$'000 indices	\$'000 indices	\$'000 indices	\$'000 indices	\$'000 indices	indices SFU
<b>CANADA</b>						
<b>INCOME</b>						
<u>General Operating</u>						
Government grants	1,722,566	1,916,483	2,074,516	2,224,337	2,445,998	142.0
Fees	281,697	317,282	329,823	345,429	387,498	137.6
Gifts, non-government grants	7,272	7,234	9,334	12,510	14,283	196.4
Investment income	22,590	20,705	28,414	42,587	49,518	219.2
Miscellaneous (1)	17,322	24,191	22,820	25,385	28,116	162.3
General Purpose						
Operating - Total	2,051,447	2,285,895	2,464,907	2,650,248	2,925,413	142.6
Trust & Endowment	66,896	75,714	94,366	103,903	151,579	226.6
Sponsored Research	275,278	316,971	363,117	410,639	487,720	177.2
Ancillary Enterprises	208,894	233,219	250,709	277,519	308,273	147.6
<u>TOTAL</u>	<u>2,602,515</u>	<u>2,911,799</u>	<u>3,173,099</u>	<u>3,442,309</u>	<u>3,872,985</u>	<u>148.8</u>
<b>EXPENDITURES</b>						
<u>General Operating</u>						
Academic salaries	894,544	1,006,365	1,086,362	1,172,233	1,289,150	144.1
Other salaries	606,300	667,979	714,342	773,543	861,182	142.0
Fringe benefits	149,687	169,120	187,266	199,945	225,800	150.8
Library acquisitions (2)	41,091	46,965	48,607	52,969	60,222	146.6
Supplies & expenses	143,125	155,673	164,933	186,053	208,270	145.5
Furniture & equipment	54,294	56,325	59,378	61,104	71,362	131.4
Utilities & taxes	92,312	103,903	105,058	109,000	118,908	128.8
Other expenses	46,921	62,616	73,133	83,929	106,298	225.5
General Purpose						
Operating - Total	2,028,274	2,268,946	2,439,079	2,638,781	2,941,192	145.0
Trust & Endowment	49,075	60,538	61,544	71,163	117,958	240.4
Sponsored Research	268,649	310,302	357,253	397,403	462,690	172.2
Ancillary Enterprises	212,122	235,097	250,585	279,562	309,798	146.0
<u>TOTAL</u>	<u>2,558,120</u>	<u>2,974,883</u>	<u>3,103,461</u>	<u>3,386,916</u>	<u>3,831,638</u>	<u>149.8</u>



(Dollars and Indices) - Concluded

	1976-77	1977-78	1978-79	1979-80	1980-81	1980-81
	\$'000 indices	\$'000 indices	\$'000 indices	\$'000 indices	\$'000 indices	\$'000 indices
	WESTERN PROVINCES					
	SFU					
<b>INCOME</b>						
<b>General Operating</b>						
Government grants	478,510	524,168	560,626	602,679	662,561	138.5
Fees	63,510	70,419	76,212	78,536	87,554	137.9
Gifts, non-government grants	2,102	1,838	1,911	2,077	1,497	71.2
Investment income	6,832	5,807	8,211	12,932	14,995	219.5
Miscellaneous (1)	1,840	3,948	3,250	3,803	4,021	218.5
General Purpose Operating - Total	552,794	606,230	650,210	700,027	770,628	139.4
Trust & Endowment	26,352	30,776	38,747	41,143	75,990	288.4
Sponsored Research	72,296	82,054	97,193	108,701	130,699	180.8
Ancillary Enterprises	51,611	57,807	63,822	69,439	79,991	155.0
<b>TOTAL</b>	<b>703,053</b>	<b>776,877</b>	<b>849,972</b>	<b>919,310</b>	<b>1,057,308</b>	<b>150.4</b>
<b>EXPENDITURES</b>						
<b>General Operating</b>						
Academic salaries	252,170	278,077	303,461	324,366	354,555	140.6
Other salaries	163,439	178,958	187,436	209,565	229,842	140.6
Fringe benefits	37,189	41,618	45,997	49,758	56,931	153.1
Library acquisition	12,045	13,294	13,252	15,068	17,375	144.3
Supplies & expenses	38,983	42,213	44,338	55,969	61,180	156.9
Furniture & equipment	17,057	17,515	21,259	19,732	22,384	131.2
Utilities & taxes	26,702	29,653	24,221	24,895	29,464	110.3
Other expenses	27,667	31,652	35,650	34,455	39,315	142.1
Cost recoveries	(27,072)	(31,717)	(32,784)	(42,909)	(36,500)	134.8
General Purpose Operating - Total	548,180	601,273	642,830	690,899	774,546	141.3
Trust & Endowment	19,282	22,284	24,753	26,915	62,850	326.0
Sponsored Research	67,285	77,595	91,596	105,592	117,204	174.2
Ancillary Enterprises	51,752	57,929	63,444	68,002	79,320	153.3
<b>TOTAL</b>	<b>686,499</b>	<b>759,081</b>	<b>822,623</b>	<b>891,408</b>	<b>1,033,920</b>	<b>150.6</b>

(1) Comprised of Miscellaneous Income and Interfund Transfers.

(2) Commencing with 1979-80, "Library Acquisitions" may be reported in the capital fund.

Table 9. Analysis of University Expenditures by Function and Region for 70 Institutions  
Who Reported for Each of the Five Years, 1976-77 to 1980-81  
(Dollars and Indices)

	1976-77	1977-78	1978-79	1979-80	1980-81	1980-81
	\$'000 indices	\$'000 indices	\$'000 indices	\$'000 indices	\$'000 indices	indices SFU
<u>CANADA</u>						
<u>General Operating</u>						
Instruction, non-sponsored research	1,288,368	1,446,700	1,565,355	1,696,607	1,891,136	146.8 150.5
Non-credit instruction	26,168	30,795	33,639	43,480	51,151	195.5 361.9
Library	141,644	156,517	166,870	179,618	202,105	142.7 152.3
Computing	63,367	69,966	73,830	83,755	92,829	146.5 146.7
Administration and General	169,978	187,884	203,465	213,367	241,420	142.0 149.9
Physical Plant	289,193	321,556	336,830	357,012	388,859	134.9 123.7
Student Services	50,551	55,528	59,090	64,942	73,692	145.8 124.4
<u>General Purpose Operating - Total</u>	<u>2,028,274</u>	<u>2,268,946</u>	<u>2,439,079</u>	<u>2,638,781</u>	<u>2,941,192</u>	<u>145.0 149.4</u>
<u>Trust &amp; Endowment</u>	<u>49,075</u>	<u>60,538</u>	<u>61,544</u>	<u>71,163</u>	<u>117,958</u>	<u>240.4 141.8</u>
<u>Sponsored Research</u>	<u>268,649</u>	<u>310,302</u>	<u>357,253</u>	<u>397,403</u>	<u>462,690</u>	<u>172.2 237.2</u>
<u>Ancillary Enterprises</u>	<u>212,122</u>	<u>235,097</u>	<u>250,585</u>	<u>279,569</u>	<u>309,798</u>	<u>146.0 165.5</u>
<u>TOTAL</u>	<u>2,558,120</u>	<u>2,874,883</u>	<u>3,108,461</u>	<u>3,386,916</u>	<u>3,831,638</u>	<u>149.8 153.0</u>

TABLE 9. Analysis of University Expenditures by Function and Region for 70 Institutions Who Reported for Each of the Five Years, 1976-77 to 1980-81  
(Dollars and Indices) - Concluded

	1976-77	1977-78	1978-79	1979-80	1980-81	1980-81					
	\$'000	Indices	\$'000	Indices	\$'000	Indices					
WESTERN PROVINCES											
	\$'000	Indices	\$'000	Indices	\$'000	Indices					
						SFU					
<u>General Operating</u>											
Instruction, non-sponsored research	355,517	100.0	393,097	110.6	426,731	120.0	458,817	129.1	508,569	143.1	150.5
Non-credit instruction	10,542	100.0	12,055	114.4	14,066	133.4	16,590	157.4	20,609	195.5	361.9
Library	39,277	100.0	43,052	109.6	44,738	113.9	49,154	125.1	56,367	143.5	152.3
Computing	18,110	100.0	18,454	101.9	19,748	109.0	22,085	121.9	26,572	146.7	146.7
Administration and General	34,992	100.0	39,896	114.0	43,421	124.1	47,205	134.9	50,557	144.5	149.9
Physical Plant	77,790	100.0	81,904	105.3	80,679	103.7	82,922	105.6	95,719	123.0	123.7
Student Services	11,952	100.0	12,815	107.2	13,447	112.5	14,126	118.2	16,153	135.1	124.4
General Purpose Operating - Total	548,180	100.0	601,273	109.7	642,830	117.3	690,899	126.0	774,546	141.3	148.4
<u>Trust &amp; Endowment</u>	19,282	100.0	22,284	115.6	24,753	128.4	26,915	139.6	62,850	326.0	141.8
<u>Sponsored Research</u>	67,285	100.0	77,595	115.3	91,596	136.1	105,592	156.9	117,204	174.2	237.2
<u>Ancillary Enterprises</u>	51,752	100.0	57,929	111.9	63,444	122.6	68,002	131.4	79,320	153.3	165.5
<u>TOTAL</u>	686,499	100.0	759,081	110.6	822,623	119.8	891,408	129.9	1,033,920	150.6	153.0