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## The Distribution of NSERC Funds: 1986-87

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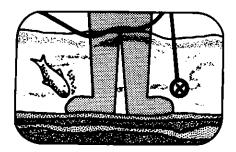
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## The Distribution of NSERC Funds: 1986-87

From a Grantee \*

Last year in Geoscience Canada (Anon, 1986), I published an analysis of the distribution of NSERC operating funds. I argued that despite obvious limitations, this is a fairly reliable way of comparing departments, because most workers rely on NSERC for the major part of their research funding. The data are publically available in the volume published by NSERC (1987). Here I present a similar analysis for the year 1986-87.

Table 1 shows the average Operating Grant (total \$\$ divided by number of recipients) given to all Universities by Committee 10 (Earth Sciences). This committee covers geology, geophysics, geography, oceanography, as well as a small number of grants given to workers in departments such as biology, zoology, mathematics, etc. To make comparisons within the core of Geology and Geophysics (hereafter the "GG Core"), I recalculated the figures (Table 2) excluding grants made to faculty outside the GG Core (i.e., excluding geography, oceanography, etc.), and excluding supplements made to University Research Fellows, About 73.1% of Committee 10's money is given within the GG core. The GG Core includes the Geophysics Departments at York and Western Ontario, and people identified as working in geophysics (despite assignments to various departments) at UBC, Alberta and Toronto.

As a further comparison, to identify granting levels on a Departmental basis rather than an individual basis, I divided the total \$\$ not by the number of grantees, but by the total number of faculty in each GG core department (Table 3). The faculty numbers were derived from the AGI Directory of Geology Departments (1986), and include only faculty listed under the titles of Professor, Associate Professor, Assistant Professor or "on leave". I did not include Emeritus Professors, adjuncts, lecturers, research assistants, etc. Exact head counts were difficult in some cases (and were not attempted for "Land Resource Science" at Guelph). York University also disappears from Table 3 because it is not listed in the AGI Directory.

The mean value of the grant is almost the same in Tables 1 and 2; \$22,688 (1985 – \$22,864) for all departments and \$23,669 (1985 – 23,553) for the GG Core. Note that average grants were essentially the same as last year.

Comparisons of Tables 1, 2 and 3 between 1985 and 1986 show some shuffling of departmental positions, probably largely due to movements of senior faculty, and partly due to retirements of senior faculty and their replacement by more junior (fewer \$\$) faculty. In Table 1, Laurentian, New Brunswick and Waterloo move into the top 10 in 1986, at the expense of Dalhousie, Memorial and U. de Montréal (departments listed alphabetically). Laurentian's position is based upon only one grant, and the overall depart-

ment placing is better seen in Table 3. In Table 2, Laurentian and York join the top 10, displacing Guelph and U. de Montréal from last year. In Table 3, the top 10 departments of 1985 are also the top 10 for 1986, although there are minor changes in the order.

## References

AGI, 1986, Directory of Geoscience Departments, United States and Canada: American Geological Institute, Alexandria, Virginia, 232 p.

Anon, 1986, The distribution of NSERC funds: Geoscience Canada, v. 13, p. 266-269.

NSERC, 1987, List of scholarships and grants in aid of research (Appendix to the Report of the President): Minister of Supply and Services, Canada, 806 p.

	Committee 10.		
University	Grant (\$)	No. of grantees	
McMaster	30,979	21	
Laurentian	28,800	1	
UBC	28,365	33	
Alberta	28,138	31	
Toronto	27,783	43	
Western Ontario	26,196	22	
New Brunswick	26,173	8	
Saskatchewan	25,888	11	
Waterloo	25,097	19	
Victoria	24,991	3	
Memorial	24,742	30	
Guelph	22,572	8	
Manitoba	22,364	12	
École Polytechnique	21,888	5	
Dalhousie	21,884	26	
Calgary	21,150	19	
U. de Montréal	20,556	14	
York	20,433	10	
McGill	20,051	23	
Simon Fraser	19,484	3	
Ottawa	19,122	13	
Queen's	18,927	23	
Sherbrooke	17,923	3	
U.Q. à Montréal	17,874	9	
Carleton	17,709	13	
U.Q. à Rimouski	17,316	5	
Lakehead	17,227	7	
St. Mary's	16,730	4	
Acadia	15,435	3	
Brock	15,019	2	
Laval	14,521	13	
INRS Georessources	14,364	4	
Windsor	14,104	8	
Regina	14,100	4	
Trent	11,700	4	
Concordia	11,680	1	
St. Francis Xavier	11,680	1	
U.Q. à Chicoutimi	9,586	4	
Lethbridge	7,680	1	
Cape Breton	6,720	i	
Mt. Allison	5,908	2	
Brandon	984	1	

<sup>\*</sup> Author's identity withheld upon request

Table 2 Average pe	Table 2 Average per capita grant awarded in GG core.		
Geology/Geophysics Department	Average grant (\$)	No. of grantees	
York	36,462	3	
McMaster	33,370	13	
Western Ontario	30,731	17	
Alberta	30,697	25	
British Columbia	29,474	20	
Laurentian	28,800	1	
Saskatchewan	27,228	10	
Waterloo	26,764	16	
Memorial	26,263	26	
Toronto	25,763	29	
New Brunswick	25,741	7	
Guelph	23,280	2	
U. de Montréal	23,081	10	
McGill	22,411	16	
Manitoba	11,125	11	
École Polytechnique	21,888	5	
Ottawa	21,506	9	
Queen's	19,423	18	
Carleton	19,392	11	
Calgary	18,918	14	
U.Q. à Montréal	18,911	7	
Dalhousie	18,201	12	
Lakehead	17,227	7	
St. Mary's	16,730	4	
Regina	16,133	3	
Acadia	15,435	3	
Brock	15,019	2	
Laval	14,904	5	
Windsor	14,728	7	
INRS Georessources	14,364	4	
Concordia	11,680	1	
St. Francis Xavier	11,680	1	
U.Q. à Chicoutimi	9,586	4	
Lethbridge	7,680	1	
Cape Breton	6,720	1	
Mt. Allison	5,908	2	
Brandon	984	1	

Geology/Geophysics	Average	Number of
Department	Grant (\$)	Faculty *
McMaster	31,320	14
British Columbia	29,474	20
foronto	23,504	44
Western Ontario	22,714	23
<b>VicGill</b>	22,411	16
<i>N</i> aterloo	21,397	20
Alberta	21,317	36
Memorial	19,896	33
J. de Montréal	17,755	13
Ottawa	17,596	11
.akehead	17,227	7
St. Mary's	16,730	4
<b>Vlanitoba</b>	15,211	16
gueen's	15,200	23
Saskatchewan	15,127	18
Dalhousie	14,561	15
Carleton	14,221	15
New Brunswick	13,860	13
Calgary	11,036	24
Vindsor	10,310	10
J.Q. à Montréal	8,273	16 8
NRS Georessources	7,182	<b>8</b> 7
Regina École Polytechnique	6,914 6,840	16
Ecole Polytechnique Cape Breton	6,720	1
Acadia	6,615	7
acaola Lavai	4,968	15
J.Q. à Chicoutimi	4,260	9
Brock	3,338	9
Mt. Allison	2,954	4
aurentian	2.888	10
St. Francis Xavier	2,336	5
Concordia	1,947	6
Brandon	331	3
Number of Faculty count of Geology Departments, a Associate Professors, Ass isted as "on leave".	and includes only	Professors,

York is not listed because the number of faculty in the

GG Core is not given in the AGI Directory.

Science.