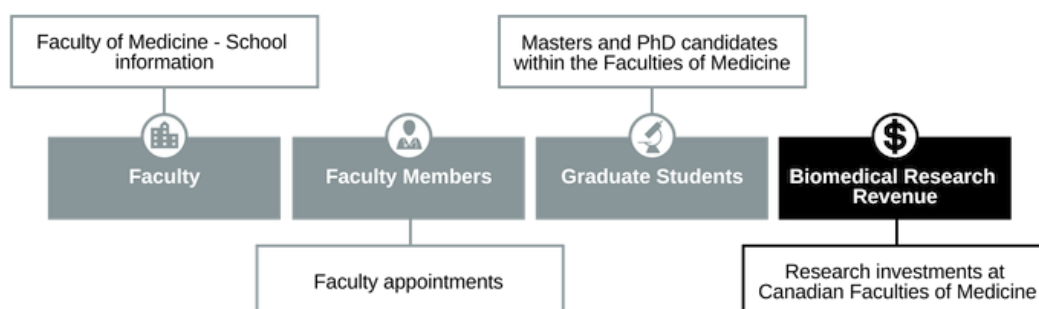


Canadian Medical Education Statistics 2025

Section D. The AFMC Biomedical Research Revenue Study – Description:

AFMC Data Holdings - *Faculties of Medicine of Canada*



The Biomedical Research Revenue Study (formerly Biomedical and Health Care Research Revenues Study) provides detailed information on investments in biomedical and health care research at the Canadian Faculties of Medicine that conduct research. Data informing the study are primarily collected via the annual Biomedical Research Revenues Survey that collects information on funding sources, amounts, and fields of research. Biomedical research revenues data have been collected since 1977; however, the survey was conducted only in paper format until 2004, and currently the AFMC Research Revenues database includes data from 2010 onwards. The survey was revised for the 1980/81 CMES publication to improve reporting on sources of funds and disciplines, and again in 2012/13 to standardize disciplines. The Biomedical Research Revenues Survey was revised in 2016/17 to ensure consistency in reporting and to include related affiliate revenue to better measure the true impact of research efforts across the Faculties of Medicine. Caution should be exercised when comparing 16/17 and later data to pre-15/16 data.

Section D. The AFMC Biomedical Research Revenue Study – Table Contents:

Table D-1	Biomedical Research Revenue: Funding and Affiliation of Canadian Faculties of Medicine
Table D-2	Biomedical Research Revenue of Canadian Faculties of Medicine by Source of Funds — Funding
Table D-3	Biomedical Research Revenue of Canadian Faculties of Medicine by Category of Funds — Funding
Table D-4	Biomedical Research Revenue of Canadian Faculties of Medicine by Top 50 Funding Sources
Table D-5	Distribution of Biomedical Research Revenue of Canadian Faculties of Medicine by Region
Table D-6	Biomedical Research Revenue of Canadian Faculties of Medicine by Discipline — Amounts

Section D. The AFMC Biomedical Research Revenue Study – Table Notes:

1. Tables in Section D were renumbered in Volume 40 for better readability. Please see Appendix D for references to the table numbers of the previous years' publications.
2. Tables in Section D have been updated in 2016/17 and 2017/18. They now separately report amounts for entities that are consolidated and those that are not, based on the institution's audited financial statements.
3. Affiliated research income is now included (see table D-1). Affiliate income is included only if:
 - a. The non-consolidated entity is an affiliated institution, as established by an affiliation agreement with the reporting institution.
 - b. Academic staff from the reporting institution lead the sponsored research project and conduct the research at the non-consolidated affiliated institution.
 - c. The income for the sponsored research is reported in the financial statements of the non-consolidated affiliated institution.
 - d. The sponsored research would be reported in the sponsored research fund had the research been conducted at the reporting institution, rather than at the affiliated institution.
4. In cases where affiliate revenues are not available or are only partially available, faculties were asked to provide an estimate.

This change has been applied to all report years after, and including, 2016/17 and 2017/18.

Table D-1
Biomedical Research Revenue: Funding and Affiliation of Canadian Faculties of Medicine
2023/24

Faculty of Medicine	(\$000's) of Amount		
	Funding	Affiliation	Total
Memorial University of Newfoundland	5,068.96	728.16	5,797.12
Dalhousie University	81,035.80	25,640.84	106,676.64
Université Laval	82,803.51	55,502.44	138,305.96
Université de Sherbrooke	69,009.53	15,154.19	84,163.72
Université de Montréal	66,022.79	159,440.19	225,462.99
McGill University*	194,280.88	190,000.00	384,280.88
University of Ottawa	290,596.71	6,908.80	297,505.51
Queen's University	109,757.43	5,048.14	114,805.57
University of Toronto	115,946.65	902,463.67	1,018,410.32
McMaster University	209,758.67	112,956.73	322,715.40
Western University	105,684.58	63,380.04	169,064.63
NOSM University	4,064.22	197.16	4,261.38
University of Manitoba*	106,344.94	62,332.63	168,677.57
University of Saskatchewan	36,439.43	-	36,439.43
University of Alberta	190,796.57	26,709.98	217,506.55
University of Calgary	258,101.84	-	258,101.84
University of British Columbia	361,723.00	159,842.25	521,565.25
Total	2,287,435.51	1,786,305.22	4,073,740.76

* Affiliation amounts are estimates.

Table D-2
Biomedical Research Revenue of Canadian Faculties of Medicine by Source of Funds — Funding
2023/24

Faculty of Medicine	(\$000's) of Amount									Total Amount (\$000's)
	Federal Government of Canada	Provincial Governments	Local / Internal	Canadian University and Unaffiliated Hospitals	Non Profit and Private Donations	Private Industry in Canada	Foreign Countries	USA	Not Reported	
Memorial University of Newfoundland	3,405.79	370.87	31.06	285.62	602.73	372.89	-	-	-	5,068.96
Dalhousie University	30,416.44	1,265.08	7,973.49	4,628.32	8,889.75	2,957.24	1,460.57	7,013.42	16,431.48	81,035.80
Université Laval	37,055.84	16,103.81	9,740.17	6,039.21	9,415.21	709.67	1,938.93	1,800.67	-	82,803.51
Université de Sherbrooke	23,524.87	16,184.69	12,848.77	5,949.48	4,327.86	2,084.03	2,017.75	2,072.07	-	69,009.53
Université de Montréal	29,663.58	14,969.61	3,195.08	2,515.51	8,322.36	1,759.19	1,553.64	4,043.82	-	66,022.79
McGill University	94,021.68	24,254.60	14,348.56	34.91	32,629.55	4,051.91	1,742.37	23,172.29	25.00	194,280.88
University of Ottawa	186,719.52	19,750.04	25,426.35	4,479.75	18,158.39	14,331.73	4,017.12	17,713.82	-	290,596.71
Queen's University	51,230.81	5,175.66	3,170.10	692.60	16,359.21	10,565.09	-	20,502.96	2,060.99	109,757.43
University of Toronto	72,444.81	7,014.82	1,022.86	886.73	15,177.28	6,385.38	223.58	12,791.19	-	115,946.65
McMaster University	109,793.89	9,147.33	19,744.64	13,389.87	27,069.95	16,468.68	4,100.76	10,043.55	-	209,758.67
Western University	57,161.46	2,249.89	21,624.04	-27.88	11,940.13	1,190.16	8,553.16	2,993.62	-	105,684.58
NOSM University	1,049.34	374.80	290.00	-	2,335.08	15.00	-	-	-	4,064.22
University of Manitoba	34,662.58	2,738.77	2,921.04	3,287.96	9,091.90	1,184.58	521.05	51,937.06	-	106,344.94
University of Saskatchewan	14,466.18	7,242.58	3,936.87	1,646.43	5,713.09	1,676.84	57.21	1,700.23	-	36,439.43
University of Alberta	61,399.86	24,976.64	24,971.14	8,343.72	39,402.33	11,165.19	10,866.43	9,671.26	-	190,796.57
University of Calgary	62,024.19	44,298.27	35,280.10	-	81,139.41	27,137.68	5.84	8,216.37	-	258,101.84
University of British Columbia	176,569.68	49,517.61	30,926.67	424.49	53,172.11	6,785.18	5,739.21	38,588.05	-	361,723.00
Total	1,045,610.52	245,635.07	217,450.94	52,576.72	343,746.34	108,840.44	42,797.62	212,260.38	18,517.47	2,287,435.51

Table D-3
Biomedical Research Revenue of Canadian Faculties of Medicine by Category of Funds — Funding
2023/24

Faculty of Medicine	(\$000's) of Amount			Total Amount (\$000's)
	Basic Medical and Biological Sciences	Clinical Sciences	Health Sciences	
Memorial University of Newfoundland	2,426.24	1,464.94	1,177.78	5,068.96
Dalhousie University*	-	-	-	81,035.80
Université Laval	37,795.01	30,244.06	14,764.44	82,803.51
Université de Sherbrooke	27,148.79	34,852.85	7,007.89	69,009.53
Université de Montréal	29,734.78	36,288.02	-	66,022.79
McGill University	63,933.70	117,307.95	13,039.23	194,280.88
University of Ottawa*	61,268.22	205,336.69	23,854.42	290,596.71
Queen's University*	25,664.55	72,431.24	11,628.64	109,757.43
University of Toronto	87,611.69	27,709.96	625.00	115,946.65
McMaster University	24,555.50	116,775.95	68,427.22	209,758.67
Western University	71,827.55	32,829.83	1,027.20	105,684.58
NOSM University	913.03	969.51	2,181.68	4,064.22
University of Manitoba	22,959.91	20,899.11	62,485.92	106,344.94
University of Saskatchewan	7,614.99	15,774.23	13,050.21	36,439.43
University of Alberta	59,587.45	119,832.80	11,376.31	190,796.57
University of Calgary	127,294.57	93,383.88	37,423.40	258,101.84
University of British Columbia	148,140.76	177,678.39	35,903.85	361,723.00
Total	798,476.74	1,103,779.41	303,973.19	2,287,435.51

* Dalhousie University did not categorize its \$81,035.80 in funding by discipline. University of Ottawa and Queen's University also reported \$137.38 and \$33, respectively, without a discipline classification.

Table D-4
Biomedical Research Revenue of Canadian Faculties of Medicine by Top 50 Funding Sources
2023/24

Funding Source	Source Category	Amount (\$000's)
Canadian Institutes of Health Research / Instituts de recherche en santé du Canada	FGOV	557,226.87
Canada Foundation for Innovation / Fondation canadienne pour l'innovation	FGOV	191,316.50
<i>Donations and endowments - Internal sources</i>	INT	74,667.27
Natural Sciences and Engineering Research Council of Canada / Conseil de recherches en sciences naturelles et en génie du Canada	FGOV	69,475.49
Canada Research Chairs / Chaires de recherche du Canada	FGOV	59,567.92
<i>Donations and endowments - Non-profit and private sources</i>	NFP	49,680.16
Bill and Melinda Gates Foundation	USA	49,560.26
<i>Grants from non-profit organizations and foundations</i>	NFP	48,310.92
Public Health Agency of Canada / Agence de la santé publique du Canada	FGOV	42,927.04
Fonds de recherche du Québec	PGOV	40,842.16
United States National Institutes of Health	USA	32,704.24
<i>Grants from provincial governments</i>	PGOV	27,584.85
<i>Grants from businesses</i>	PI	25,851.21
British Columbia Knowledge Development Fund	PGOV	22,281.00
Alberta Innovates	PGOV	22,205.00
<i>Miscellaneous Canadian businesses</i>	PI	19,773.07
New Frontiers in Research Fund / Nouvelles frontières en recherche	FGOV	17,966.17
Health Canada / Santé Canada	FGOV	17,849.06
Canada First Research Excellence Fund / Fonds d'excellence en recherche Apogée Canada	FGOV	17,308.07
Alberta Health Services	PGOV	15,468.25
University of British Columbia	INT	15,394.06
<i>Miscellaneous Canadian institutions, foundations, associations and societies</i>	NFP	15,285.66
Génome Canada	NFP	13,616.31
<i>Miscellaneous United States businesses</i>	USA	12,955.56
University of Alberta	INT	12,600.62
Mitacs	NFP	12,211.65
University of Western Ontario	INT	11,997.37
Social Sciences and Humanities Research Council of Canada / Conseil de recherches en sciences humaines du Canada	FGOV	11,982.54
Roche	PI	11,435.47
Ontario Ministry of Long-Term Care	PGOV	11,358.73
United States Department of Defense	USA	10,850.29
Research Support Fund / Fonds de soutien à la recherche	FGOV	10,726.88
University of Ottawa	H/U	10,544.56
Coalition for Epidemic Preparedness Innovations	FOR	10,402.60
British Columbia Children's Hospital Research Institute	NFP	10,165.19
Michael Smith Foundation for Health Research	PGOV	10,138.18
Terry Fox Research Institute	NFP	9,280.00
Brain Canada Foundation / Fondation Brain Canada	NFP	8,996.08
Michael J. Fox Foundation	USA	8,740.68
<i>Miscellaneous United States institutions, foundations, associations, and societies</i>	USA	8,325.44
United States Government Grants	USA	8,216.37
Ministère de l'économie, de la science et de l'innovation du Québec	PGOV	8,214.43
Weston Family Foundation	NFP	8,153.26
University of Ottawa	INT	8,031.36
McMaster University	INT	7,918.80
<i>Investment income</i>	INT	7,889.80
<i>Grants from the federal government</i>	FGOV	7,819.88
Ottawa Hospital Foundation	INT	7,603.31
Ontario Ministry of Colleges and Universities	PGOV	7,461.77
Ministère de l'Économie, de l'Innovation et de l'Énergie du Québec	PGOV	7,114.48
Total		1,707,996.84

See APPENDIX C for Classification of Sources.

Table D-5
Distribution of Biomedical Research Revenue of Canadian Faculties of Medicine by Region
2022/23 - 2023/24

Region	2022/23	2023/24
	Thousands of Canadian Dollars	
Atlantic Provinces	118,398.57	112,473.76
Quebec	770,617.50	832,213.54
Ontario	1,774,858.55	1,926,762.80
Western Provinces	1,097,889.31	1,202,290.64
Total, Canada	3,761,763.93	4,073,740.74
Total, CIHR	601,044.33	606,937.27
	% Distribution	
Atlantic Provinces	3.15	2.76
Quebec	20.49	20.43
Ontario	47.18	47.30
Western Provinces	29.19	29.51
Total, Canada	100.00	100.00
% Distribution CIHR	15.98	14.90
	Index: 2022/23 = 100	
Atlantic Provinces	100	95
Quebec	100	108
Ontario	100	109
Western Provinces	100	110
Total, Canada	100	108
Total, CIHR	100	101

All data refers to current Canadian dollars, uncorrected for changes in purchasing power values.

Table D-6
Biomedical Research Revenue of Canadian Faculties of Medicine
by Discipline – Amounts
2023/24

Discipline	Amount (\$000's)
Basic Medical and Biological Sciences	
Allergy and Immunology	32,788.21
Anatomy and Morphology	14,002.19
Biochemistry, Cellular/Molecular Biology and Medicine	239,773.72
Bioinformatics	7,423.97
Biology	15,474.75
Biomedical Engineering and Biomaterials	25,687.68
Biomedical Sciences	15,491.23
Biophysics	78,199.96
Genetics and Heredity	127,705.32
Health-Related Biotechnology	764.94
Microbiology, Virology and Infectious Diseases	206,169.80
Neurosciences	88,780.77
Pathology and Laboratory Medicine	94,947.10
Pharmacology and Pharmacy	64,224.73
Physiology	59,961.50
Reproductive and Developmental Biology	15,387.51
Other Basic Medicine	114,860.35
Total, Basic Medical and Biological Sciences	1,201,643.73
Clinical Sciences	
Anaesthesiology	37,181.68
Audiology and Speech Sciences	10,178.36
Cardiology, Cardiovascular Systems and Surgery	35,187.11
Clinical Psychology and Behavioral Sciences	3,290.30
Critical Care/Emergency Medicine	24,422.54
Dentistry, Oral Surgery/Medicine	4,787.17
Dermatology and Venereal Diseases	1,993.74
Endocrinology	7,033.40
Experimental Medicine	285.21
Family Medicine	59,354.77
Gastroenterology	3,735.92
Geriatrics and Gerontology	5,604.24
Hematology	5,095.33
Hepatology	100.74
Internal Medicine	632,485.94
Nephrology	2,817.58
Neurology and Neurosurgery	136,796.42
Nursing	15,071.62
Nutrition and Dietetics	13,069.25
Obstetrics and Gynaecology	41,636.18
Occupational Science and Therapy	14,673.30
Oncology	186,819.31
Ophthalmology	27,609.01
Orthopaedics	17,582.90
Otolaryngology — Head and Neck Surgery	9,233.76

continued

Table D-6 (continued)
Biomedical Research Revenue of Canadian Faculties of Medicine
by Discipline – Amounts
2023/24

Discipline	Amount (\$000's)
Clinical Sciences (continued)	
Palliative Care	3,461.62
Pediatrics	179,212.01
Physical and Rehabilitation Medicine and Therapy	55,924.29
Psychiatry	128,406.48
Radiology, Medical Imaging and Nuclear Medicine	101,182.62
Respirology and Respiratory Systems	6,115.51
Rheumatology	2,881.84
Surgery	184,096.87
Urology	13,504.42
Other Clinical Medicine	140,273.18
Total, Clinical Sciences	2,111,104.62
Health Sciences	
Addiction Services and Substance Abuse	3,919.70
Arts and Medical Humanities	1.00
Community Health and Medicine	39,008.65
Epidemiology and Biostatistics	14,346.32
Health Administration	48,467.67
Health Care and Services Research	104,661.83
Health Informatics	2,845.91
Health Policy, Management & Evaluation	72,625.64
History and Sociology of Medicine	150.76
Medical and Health Education	13,905.10
Medical Ethics	347.15
Public, Population, Environmental and Global Health	75,447.03
Other Health Sciences	26,085.99
Total, Health Sciences	401,812.75
Total	3,714,561.10

Five faculties did not categorize a total of \$359,179.65 in revenue by discipline: Dalhousie University (\$106,676.64), McGill University (\$190,000), University of Manitoba (\$62,332.63), University of Ottawa (\$137.38), and Queen's University (\$33)

See APPENDIX A for Classification of Disciplines.

All figures are in current Canadian dollars, uncorrected for changes in purchasing power values.