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**OFFICE OF RESEARCH AND PROJECT  
ADMINISTRATION**

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**ANNUAL REPORT OF  
SPONSORED PROGRAM ACTIVITIES  
FISCAL YEAR 2023**

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## Introduction

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We are pleased to present the Office of Research and Project Administration (ORPA) Annual Report for Fiscal Year 2023 ending June 30<sup>th</sup>, 2023, which showcases the University of Rochester's ability to attract external support for research and other sponsored programs activities year after year in an increasingly difficult environment. Revenue from sponsored program activities, vital to sustaining research and graduate programs, remains an essential component of the University's current fund expenditures and general budget.

This report is divided between proposals submitted and awards made, and expenditure statistics. The proposal and award statistics will, when looked at over a particular period of time, provide an indication of funding trends. Since expenditures typically follow funding received, those statistics not only provide an indication of the level of expenditure for research, training, and other associated sponsored program activities at the University, but also a basis for comparison with other colleges and universities nationwide and within New York State. The expenditures reported may differ slightly from the University's end-of-year financial statements. These differences are reconciled by various ledger adjustments and other transfers not shown in this report.

The validity of this report depends on how useful end users find it. To this end, comments about the report and suggestions for future improvements are welcomed at [resadmin@orpa.rochester.edu](mailto:resadmin@orpa.rochester.edu)

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## In This Report

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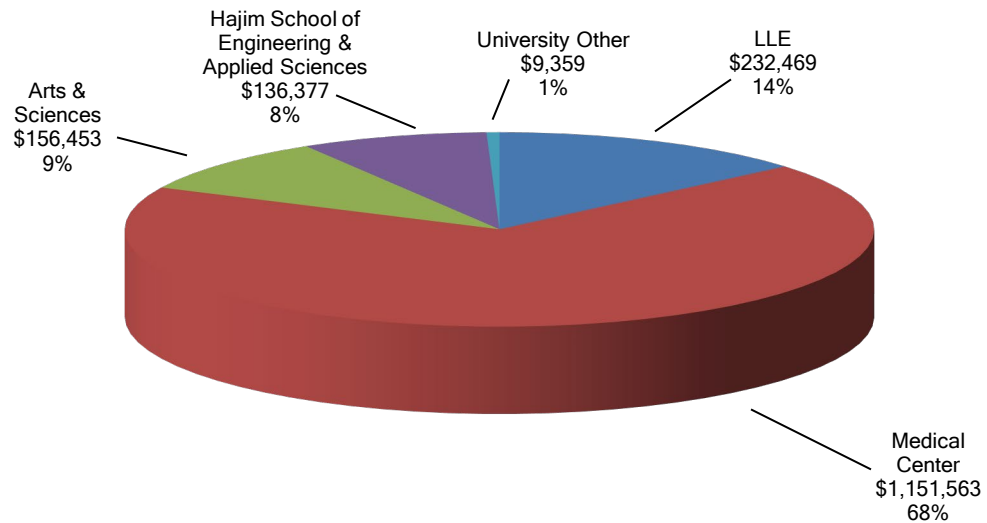
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## Proposal and Award Activity

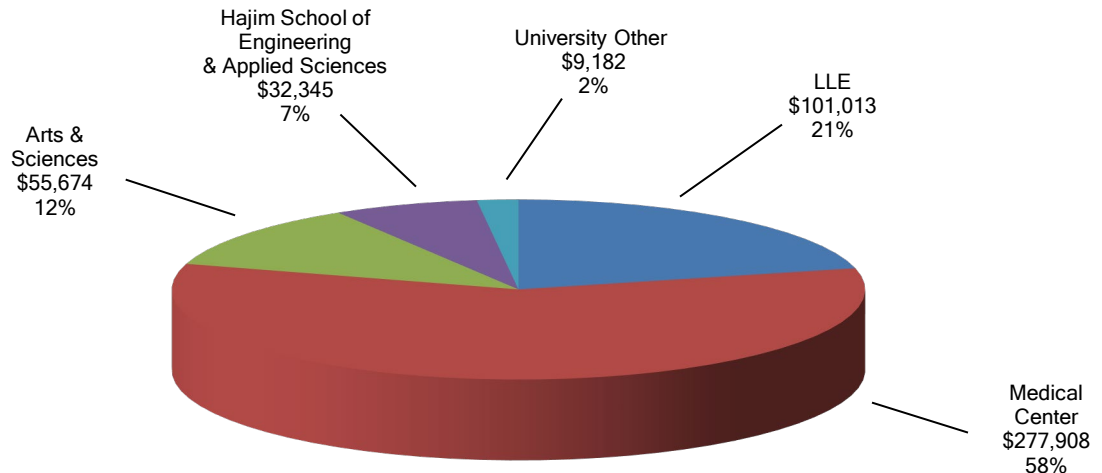
The School of Medicine and Dentistry submits the majority of proposals and as is also indicated in the award statistics, receives the majority of sponsored program funding. On an overall University basis **1,778** new, continuation, supplemental, and renewal proposals were submitted in FY 2023 and **1,762** awards received sponsored program funding actions.

**Note: All dollars throughout this report are in thousands**

**Chart A**  
**Dollar Value of Proposals Submitted – FY 2023**



**Chart B**  
**Awards Dollars Received -- FY 2023**

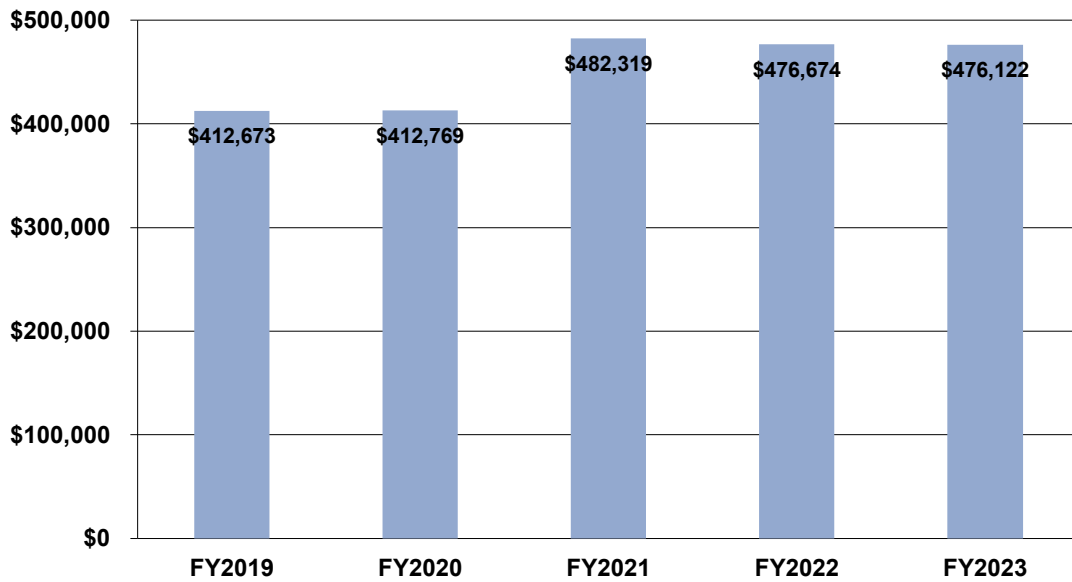


**Please note: The 2023 proposal and award figures shown on pages 3 – 11 of this report reflect the information that was available as of January 2024 and may be subject to change as necessary.**

## Overview of Sponsored Programs Funding

In Fiscal Year 2023, the University of Rochester received over \$476 million in funding, a slight decrease of less than one half percent from Fiscal Year 2022.

**Chart C**  
**Award Dollars Received During Last Five Fiscal Years**



Fiscal Year 2021 award dollars increased by 16% due to a rise in the amount of funding received from NIH as well as CARES Act support received from the U.S. Department of Education.

Sources: UR-Coeus Sponsored Programs Database; Integrated Online Research Administration (IORA) Grants

The first two tables that follow provide information on a college, school or division basis for proposals submitted and awards received in the five most recent fiscal years. It should be noted that the proposal amounts include funds requested for the entire project period of the proposed activity, which could be two years or more, as well as one-year amounts for continuation proposals and singular projects. Awarded amounts, however, indicate only funding actually obligated by the sponsor during FY 2023, regardless of whether additional funds are anticipated over the life of the project. Additionally, neither of the tables includes funds requested or received for direct student financial aid. On an annual basis, both the dollar value of proposals submitted and award funding received should be viewed with some caution, as those actions are dependent upon program announcements, funding trends, availability of funds, and timing of award actions.

**Table 1**  
**Proposals – Total Amount Requested by College/School/Company**

<b>College/School/Company</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
<b>Medical Center</b>					
Medicine and Dentistry	\$1,063,918	\$975,735	\$1,043,935	\$1,040,490	\$1,111,503
Nursing	31,530	22,279	20,865	11,032	21,197
Hospitals and Clinics	279	197	5	1,474	0
Eastman Institute for Oral Health	10,984	13,007	4,904	7,881	17,363
Medical Center Administration	75	0	0	999	1,500
<b>Subtotal URM</b>	<b>1,106,786</b>	<b>1,011,218</b>	<b>1,069,709</b>	<b>1,061,876</b>	<b>1,151,563</b>
<b>Arts, Sciences and Engineering</b>					
Arts and Sciences	94,923	118,842	119,133	121,902	156,453
Hajim School of Engineering & Applied Sciences	126,988	131,404	110,889	107,661	136,377
<b>Subtotal for AS&amp;E</b>	<b>221,911</b>	<b>250,246</b>	<b>230,022</b>	<b>229,563</b>	<b>292,830</b>
Laboratory for Laser Energetics	47,688	99,803	102,210	25,474	232,469
<b>Other Schools and Companies</b>					
Warner School of Education	6,056	6,019	4,574	6,699	7,280
Memorial Art Gallery	1,705	1,030	502	825	1,234
Simon School of Business	123	100	25	304	124
Eastman School of Music	875	4	10	84	81
University Other	8,650	8,735	2,508	4,903	640
<b>Subtotal Other</b>	<b>17,409</b>	<b>15,888</b>	<b>7,619</b>	<b>12,815</b>	<b>9,359</b>
<b>Total University</b>	<b>\$1,393,794</b>	<b>\$1,377,155</b>	<b>\$1,409,560</b>	<b>\$1,329,728</b>	<b>\$1,686,221</b>
<b>Number of Proposals Submitted <sup>1</sup></b>	<b>1,673</b>	<b>1,677</b>	<b>1,628</b>	<b>1,606</b>	<b>1,778</b>

Sources: UR-Coeus Sponsored Programs Database; Integrated Online Research Administration (IORA) Grants

<sup>1</sup> Continuation proposals submitted electronically to the sponsor by the Principal Investigator as part of the Research Project Proposal Report (RPPR) are not reflected in these numbers.

**Table 2**  
**Awards – Annual Funding Received by College/School/Company**

College/School/Company	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<b>Medical Center</b>					
Medicine and Dentistry	\$243,762	\$237,342	\$271,685	\$275,745	\$266,922
Nursing	4,589	3,798	5,413	5,575	6,428
Hospitals and Clinics	355	465	299	325	59
Eastman Institute for Oral Health	3,092	1,395	2,378	5,098	4,399
Medical Center Administration	1,769	0	0	996	100
<b>Subtotal URMC</b>	<b>253,567</b>	<b>243,000</b>	<b>279,775</b>	<b>287,739</b>	<b>277,908</b>
<b>Arts, Sciences and Engineering</b>					
Arts and Sciences	45,166	46,877	47,722	56,707	55,674
Hajim School of Engineering & Applied Sciences	28,612	26,619	36,604	36,061	32,345
<b>Subtotal for AS&amp;E</b>	<b>73,778</b>	<b>73,496</b>	<b>84,326</b>	<b>92,768</b>	<b>88,019</b>
Laboratory for Laser Energetics	81,184	86,674	88,963	92,370	101,013
<b>Other Schools and Companies</b>					
Warner School of Education	1,589	2,755	3,580	1,479	6,342
Memorial Art Gallery	363	313	356	239	236
Simon School of Business	0	8	50	-44	68
Eastman School of Music	10	17	10	10	45
University Other	2,182	6,506	25,259	2,113	2,491
<b>Subtotal Other</b>	<b>4,144</b>	<b>9,599</b>	<b>29,255</b>	<b>3,797</b>	<b>9,182</b>
<b>Total University</b>	<b>\$412,673</b>	<b>\$412,769</b>	<b>\$482,319</b>	<b>\$476,674</b>	<b>\$476,122</b>
<b>Number of Awards Received</b>	<b>1,892</b>	<b>1,890</b>	<b>1,934</b>	<b>1,909</b>	<b>1,762</b>

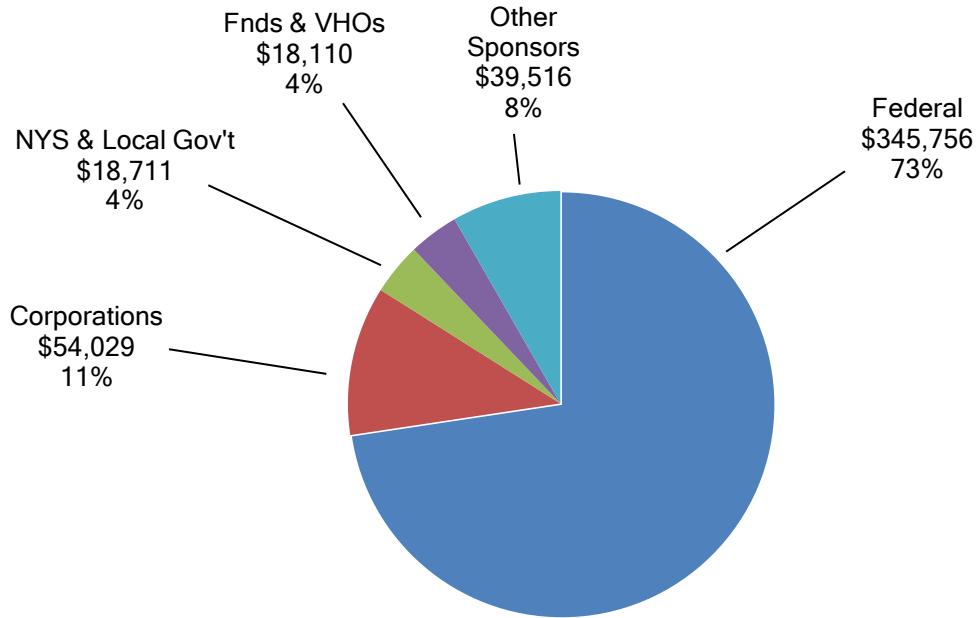
Sources: UR-Coeus Sponsored Programs Database; Integrated Online Research Administration (IORA) Grants

Notes for Tables 1 and 2:

- In Table 1, amounts requested include the entire project period of the proposal for new or competing renewal proposals and may fluctuate due to large program requests
- Funding received in Table 2 indicates actual amount awarded which is usually for periods of one year or less. Future year commitments are not included
- University Other includes Rush Rhees Library, River Campus General and University Central Administration
- Number of Awards Received includes continuation awards

**Chart D**

**Awards – Sponsored Program Funding by Agency Type – FY 2023**



**Table 3**

**Sponsored Program Funding by Agency Type**

Agency Type	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Federal	\$290,805	\$305,208	\$353,214	\$328,222	\$345,756
Corporations	39,634	30,912	47,167	52,633	54,029
NY State & Local Government	14,465	16,071	13,373	22,835	18,711
Foundations & Voluntary Health Organizations	17,262	15,255	18,428	30,455	18,110
Other Sponsors <sup>1</sup>	50,507	45,323	50,137	42,529	39,516
<b>Total</b>	<b>\$412,673</b>	<b>\$412,769</b>	<b>\$482,319</b>	<b>\$476,674</b>	<b>\$476,122</b>

Sources: UR-Coeus Sponsored Programs Database; Integrated Online Research Administration (IORA) Grants

<sup>1</sup>Other sponsors include national laboratories and other non-profit institutions (including subcontracts from other colleges and universities). The majority of these funds result from federal funding to a primary sponsor for whom the University is a sub-recipient.

**Table 3.1**  
**Sponsored Program Funding by Federal Agency**

Federal Agency	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Health & Human Services (excludes NIH)	\$10,759	\$17,516	\$13,406	\$14,317	\$12,567
National Institutes of Health	165,380	154,232	188,719	182,390	176,221
<b>Total Health &amp; Human Services</b>	<b>176,139</b>	<b>171,748</b>	<b>202,125</b>	<b>196,707</b>	<b>188,788</b>
Department of Energy	79,452	93,194	92,356	89,611	89,353
Department of Defense	10,808	10,312	12,569	13,118	35,228
National Science Foundation	18,805	20,374	19,256	24,556	27,014
Department of Education <sup>1</sup>	3,109	7,171	24,515	2,096	2,384
National Aeronautics & Space Administration	1,839	1,490	1,140	951	2,018
National Endowment for the Arts / National Endowment for the Humanities <sup>2</sup>	130	120	152	-	-
Other Federal Sponsors	523	799	1,101	1,183	971
<b>Total</b>	<b>\$290,805</b>	<b>\$305,208</b>	<b>\$353,214</b>	<b>\$328,222</b>	<b>\$345,756</b>

Sources: UR-Coeus Sponsored Programs Database; Integrated Online Research Administration (IORA) Grants

<sup>1</sup>Includes CARES Act funding in FY's 2020 and 2021.

<sup>2</sup>Reported under Other Federal Sponsors beginning 2022.



As indicated in Chart D on page 7, the federal government is the primary source of sponsored program funding. However, the University also receives significant funding from other sources.

**Table 4**  
**Sponsors Awarding \$1 Million or More Annually - FY 2023**

Sponsor	Total \$ Awarded
National Institutes of Health	176,221
Department of Energy	89,353
Department of Defense	35,228
National Science Foundation	27,014
New York State	12,620
Sana Biotechnology	10,345
Health Research Inc.	10,071
Health Research Services Administration	6,388
Monroe County	5,739
Centers for Disease Control and Prevention	4,210
U.S. Department of Education	2,384
University of Colorado at Denver	2,204
Michael J Fox Foundation	2,074
National Aeronautics and Space Administration	2,018
Duke University	1,786
Meta Platforms Technologies	1,695
Leidos BioMedical Research Inc.	1,630
CNSII Inc.	1,396
American Cancer Society	1,351
Pfizer Inc	1,254
Anonymous - 1849	1,150
Schmidt Futures	1,149
Massachusetts General Hospital	1,138
Mother Cabrini Health Foundation Inc	1,135
Mt. Sinai School of Medicine	1,096
Brown University	1,046
Johns Hopkins University	1,010
Andrew W Mellon Foundation	1,000

Source: Integrated Online Research Administration (IORA) Grants

Table 5 provides information on the number of active awards in University colleges, schools or other units. This number encompasses all types of sponsored activities and may include awards received prior to FY 2023 that were active at any point during FY 2023. This table does not include funding for undergraduate financial aid.

**Table 5**  
**Summary of Awards Active at any Point in FY 2023<sup>1</sup>**  
**by College/School/Company**

<b>College/School/Company</b>	<b>Active Awards</b>
<b>Medical Center</b>	
Medicine and Dentistry	1,846
Nursing	35
Strong Memorial Hospital	4
Eastman Institute for Oral Health	24
Medical Center Administration	1
<b>Subtotal URMC</b>	<b>1,910</b>
<b>Arts, Sciences and Engineering</b>	
Arts and Sciences	362
Hajim School of Engineering & Applied Sciences	232
<b>Subtotal for AS&amp;E</b>	<b>594</b>
Laboratory for Laser Energetics	42
<b>Other Schools and Companies</b>	
Warner School of Education	18
Memorial Art Gallery	22
Simon School of Business	1
Eastman School of Music	3
River Campus General	17
University General	4
<b>Subtotal Other</b>	<b>65</b>
<b>Total Active Projects</b>	<b>2,611</b>

Source: Integrated Online Research Administration (IORA) Grants

<sup>1</sup> Beginning in FY 21, the UR Financials Award (AWD) number is being used to count projects in IORA. As a result, awards previously counted as a single project in prior years may possibly be reported as two or more awards (AWDs) in IORA.

The table below illustrates the breakdown of awards by purpose. Research remains the primary component of sponsored program awards. In contrast to the expenditure figures reported later in this report, sponsored program award statistics do not include financial aid.

**Table 6**  
**Total Sponsored Program Awards by Purpose**

<b>Purpose</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Research <sup>1</sup>	\$343,949	\$334,299	\$388,101	\$388,652	\$388,277
Fellowships & Training	28,595	23,171	22,164	25,000	19,208
Clinical Drug Trials	16,632	18,026	19,937	29,946	28,320
Libraries & Museums <sup>2</sup>	761	335	-	-	-
Conference & Travel	283	266	297	69	278
Equipment	2,534	2,408	5,716	1,347	1,777
Miscellaneous Activities	19,919	34,264	46,104	31,660	38,262
<b>Total</b>	<b>\$412,673</b>	<b>\$412,769</b>	<b>\$482,319</b>	<b>\$476,674</b>	<b>\$476,122</b>

Sources: UR-Coeus Sponsored Programs Database; Integrated Online Research Administration (IORA) Grants

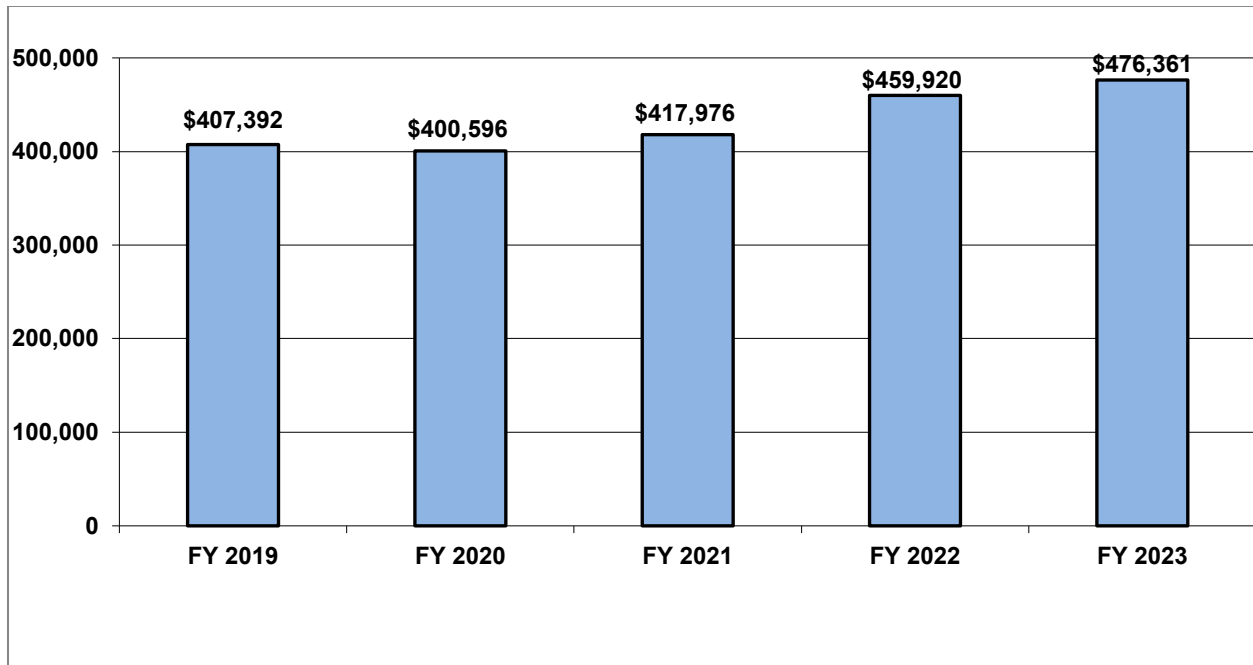
<sup>1</sup>The Medical Center accounts for 58% of all externally sponsored research funding. Of that amount, roughly half is related to clinical research, according to the Clinical Research Resource Inventory, a survey of principal investigators at the Medical Center. Clinical research is defined by NIH as research conducted with human subjects or on material of human origin for which an investigator directly interacts with human subjects. It also includes epidemiological and behavioral studies and outcomes research and health services research.

<sup>2</sup>Libraries & Museums funding now reported under Miscellaneous Activities.

## Overview of Sponsored Programs Expenditures

In Fiscal Year 2023, the University of Rochester expended over \$476 million for sponsored activities, an increase of 3.5 percent from Fiscal Year 2022.

**Chart E**  
**Sponsored Program Expenditures - Total University**  
(Dollars in thousands)



Source: UR Financials

Table 7.1 and supporting tables provide a breakdown of expenditures by college, school or division.

**Table 7.1  
Total Sponsored Program Expenditures by College/School/Company**

<b>College/School/Company</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
<b>Medical Center</b>					
Medicine and Dentistry	\$228,874	\$228,952	\$242,162	\$255,666	\$267,596
Nursing	4,386	3,828	4,375	4,897	4,402
Hospitals and Clinics	302	299	339	124	50
Eastman Institute for Oral Health	2,885	2,417	2,784	3,196	3,753
Medical Center Administration <sup>1</sup>	314	-370	0	635	0
<b>Subtotal URMC</b>	<b>236,761</b>	<b>235,126</b>	<b>249,660</b>	<b>264,518</b>	<b>275,801</b>
<b>Arts, Sciences and Engineering</b>					
Arts and Sciences	37,845	39,945	42,730	46,664	52,958
Hajim School of Engineering & Applied Sciences	30,624	26,304	25,565	32,633	29,513
<b>Subtotal for AS&amp;E</b>	<b>68,469</b>	<b>66,249</b>	<b>68,295</b>	<b>79,297</b>	<b>82,471</b>
Laboratory for Laser Energetics	88,903	80,193	79,826	86,434	102,701
<b>Other Schools and Companies</b>					
Warner School of Education	2,741	2,951	2,724	2,959	2,966
Memorial Art Gallery	253	379	210	459	812
Simon School of Business	0	7	48	1	54
Eastman School of Music	556	527	1,082	2,182	472
University Other <sup>2</sup>	9,709	15,164	16,131	24,070	11,084
<b>Subtotal Other</b>	<b>13,259</b>	<b>19,028</b>	<b>20,195</b>	<b>29,671</b>	<b>15,388</b>
<b>Total University</b>	<b>\$407,392</b>	<b>\$400,596</b>	<b>\$417,976</b>	<b>\$459,920</b>	<b>\$476,361</b>

Source: UR Financials

<sup>1</sup>Includes Directors Office, UR Medical Faculty Group, Miner Library, Medical Center Finance, and some Center for Community Health and Prevention grants.

<sup>2</sup>Includes funding for undergraduate student financial aid and Central Administration offices.

**Table 7.2.1**  
**Total Sponsored Program Expenditures – Arts & Sciences**  
**By Department / Cost Center**

<b>Arts &amp; Sciences</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Dean's Office	\$683	\$1,179	\$781	\$1,811	\$1,095
Anthropology	79	187	27	142	168
Art and Art History	8	1	0	0	10
Biology	6,709	7,601	9,551	10,129	12,656
Brain & Cognitive Sciences	1,826	1,169	1,619	1,880	1,958
Center for Energy and the Environment	-	-	-	3	997
Center for Visual Science	3,748	4,241	5,407	7,550	9,053
Chemistry	4,500	4,418	4,971	5,901	6,862
Clinical and Social Sciences in Psychology	6,103	6,560	5,927	6,605	7,080
Dance Program	0	0	0	0	19
Dean of Students	0	0	0	0	0
Earth and Environmental Sciences	2,342	2,762	2,399	2,566	2,794
English	73	34	37	48	150
History	60	191	101	157	83
Institute for Data Science	2,199	1,451	620	836	1,182
Kearns Center	12	4	0	0	0
Linguistics	9	60	235	126	239
Mathematics	232	210	211	183	452
McNair Program	-45	0	0	0	0
Modern Languages and Culture	0	15	11	0	0
Music	41	9	0	0	0
Physics and Astronomy	9,011	7,190	7,638	8,255	7,519
Religion	35	63	35	0	0
Rochester Data Science Consortium	0	2,304	2,989	86	0
Skalny Center for Polish/European Studies	62	60	26	28	8
Susan B Anthony Institute for Gender Studies	0	0	0	0	0
Undergraduate Studies	0	44	64	0	0
Wallis Institute of Political Economy	158	192	81	358	633
<b>Subtotal Arts &amp; Sciences</b>	<b>\$37,845</b>	<b>\$39,945</b>	<b>\$42,730</b>	<b>\$46,664</b>	<b>\$52,958</b>

Source: UR Financials

**Table 7.2.2**  
**Total Sponsored Program Expenditures – Engineering & Applied Sciences**  
**By Department / Cost Center**

<b>Engineering &amp; Applied Sciences</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Dean's Office Arts and Science	\$12	\$12	\$433	\$8	\$3
Dean's Office HSEAS	5,069	647	311	0	0
Ain Center for Entrepreneurship	0	0	87	281	64
Biomedical Engineering	4,216	4,045	4,155	4,207	5,369
Center for Emerging & Innovative Sciences	847	748	620	849	695
Chemical Engineering	982	764	815	1,295	988
Computer Science	3,606	3,908	3,662	3,003	2,987
Electrical & Computer Engineering	4,110	3,948	4,427	5,449	6,424
IMAXED	-	-	439	1,866	2,261
Institute for Data Science	81	50	0	0	0
Institute of Optics	9,444	8,747	6,529	10,366	6,727
Mechanical Engineering	1,782	3,213	3,804	5,303	4,045
Del Monte Neuromedicine Institute	2	0	0	0	0
Imaging Sciences	1	0	0	0	0
Orthopaedic Surgery	124	222	283	6	-50
<b>Subtotal Engineering &amp; Applied Sciences</b>	<b>\$30,276</b>	<b>\$26,304</b>	<b>\$25,565</b>	<b>\$32,633</b>	<b>\$29,513</b>
<b>Total Arts, Sciences &amp; Engineering</b>	<b>\$68,121</b>	<b>\$66,249</b>	<b>\$68,295</b>	<b>\$79,297</b>	<b>\$82,471</b>

Source: UR Financials

Note: Due to the manner in which some FAO's have been set up in URF, some expenditures for the SMD cost Centers that appear above are being reported in HSEAS due to the SMD investigator's collaboration on projects awarded to HSEAS investigators.

**Table 7.2.3**  
**Total Sponsored Program Expenditures - School of Medicine and Dentistry**  
**By Department / Cost Center**

Medicine and Dentistry	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Dean for Research	\$7	\$3	\$5	\$6	2
Anesthesiology	2,442	2,282	2,730	3,153	3,381
Biochemistry and Biophysics	5,865	7,069	8,338	8,806	8,944
Biomedical Engineering	1,649	1,564	1,306	1,221	1,096
Biomedical Genetics	5,537	4,324	5,253	4,984	4,175
Biostatistics and Computational Biology	2,034	2,057	1,892	2,059	2,398
Brain and Cognitive Sciences	15	0	0	0	0
Cancer Center	11,416	13,576	16,529	17,595	13,457
Center for Community Health & Prevention	2,739	3,123	3,198	4,499	4,219
Center for Human Experimental Therapeutics	10,008	12,398	11,746	11,410	9,197
Center for Experiential Learning	0	0	0	188	273
Center for Neural Development and Disease	3,105	2,639	1,438	819	440
Center for Oral Biology	1,995	2130	2,381	872	227
Center for Pediatric Biomedical Research	1,327	714	1,121	1,348	1,330
Center for Translational Neuromedicine	6,320	7,195	6,723	9,311	11,423
Center for Vaccine Biology	12,170	12,119	11,365	7,480	5,736
Center for Visual Science	197	45	48	62	43
Clinical Dentistry	113	-235	-40	100	0
Clinical and Translational Science Institute	10,768	10,997	10,086	10,662	9,261
Development Center for AIDS Research	908	353	-4	0	0
Dermatology	3,194	2,583	3,080	3,354	5,431
Emergency Medicine	1,917	1,799	2,055	2,151	2,010
Environmental Medicine	8,642	9,540	8,653	8,108	10,481
Family Medicine	1,221	1,227	999	1,046	1,423
Imaging Sciences	180	211	227	479	1,105
Medicine <sup>1</sup>	30,401	29,849	32,177	32,920	35,181

(Continued on next page)

Note: Due to the manner in which expenditures are reported in UR Financials, some cost centers may appear in more than one division.



<b>Medicine and Dentistry cont'd</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Microbiology and Immunology	7,354	6,512	6,161	5,522	5,276
Neurobiology and Anatomy	7,854	7,065	9,795	13,039	14,540
Neurology	14,501	14,172	14,119	15,220	16,344
Delmonte Neuroscience Institute	149	254	189	156	131
Neurosurgery	255	552	454	854	899
Obstetrics and Gynecology	2,870	3,159	3,107	3,147	3,327
Ophthalmology	6,022	6,093	5,303	5,518	6,207
Orthopaedics	6,675	6,230	6,080	6,266	7,040
Otolaryngology	951	1,148	1,457	1,543	1,437
Pathology and Lab Medicine	1,602	980	1,186	1,248	1,940
Pediatrics	19,788	18,630	22,493	22,545	23,146
Pharmacology and Physiology	7,832	7,608	6,680	7,012	9,189
Physical Medicine and Rehabilitation	16	4	1	0	132
Psychiatry	14,827	13,886	15,476	21,219	26,280
Psychology (formerly Clinical and Social Psychology)		13	77	64	14
Public Health Sciences	4,036	4,704	4,421	5,445	6,801
Radiation Oncology	608	602	630	673	1,032
Surgery	8,359	9,008	12,247	11,619	11,791
Urology	506	365	615	778	381
SMD Other <sup>2</sup>	499	405	365	1,165	456
<b>Total Medicine &amp; Dentistry</b>	<b>\$228,874</b>	<b>\$228,952</b>	<b>\$242,162</b>	<b>\$255,666</b>	<b>267,596</b>

Source: UR Financials

<sup>1</sup>Excludes expenditures in the Wilmot Cancer Center.

<sup>2</sup>Includes Medical Student Financial Affairs Office, Office for Medical Education, Graduate Studies, Center for Interdisciplinary Studies, Office of Equity and Inclusion, Medical Center Director's Office.

**Table 7.2.4**  
**Total Sponsored Program Expenditures - School of Medicine and Dentistry**  
**Department of Medicine by Unit / Cost Center**

<b>Cost Center</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Aab Cardiovascular Research Institute	\$7,275	\$6,593	\$6,203	\$6,004	6,154
Cardiology (Heart and Vascular)	1,161	1,224	660	205	-53
Clinical Cardiovascular Research Ctr	3,043	3,396	3,435	5,097	6,170
Endocrinology	601	826	332	481	561
Gastroenterology	337	259	375	294	130
General Medicine	0	0	0	4	0
Hematology/Oncology <sup>1</sup>	62	0	-	-	-
Highland Hospital	0	57	90	79	79
Hospitalist Medicine	10	0	0	0	0
Immunology	2,406	2,548	2,640	1,290	2,783
Infectious Diseases	10,052	9,436	12,295	13,928	13,379
Monroe Community Hospital	997	883	1,247	995	1,300
Nephrology	1,848	2,761	2,939	2,525	2,760
Palliative Care	173	94	87	85	92
Pulmonary	2,436	1,772	1,874	1,933	1,826
<b>Total Department of Medicine</b>	<b>\$30,401</b>	<b>\$29,849</b>	<b>\$32,177</b>	<b>\$32,920</b>	<b>35,181</b>

Source: UR Financials

<sup>1</sup>Expenditures are now reported under Cancer Center.

## Direct Costs and F&A Costs Expenditures

The University recovers the costs of its sponsored program expenditures in two ways; direct costs and facilities & administrative (F&A) costs, sometimes referred to as indirect costs. F&A costs cover expenses associated with conducting sponsored program activities such as utilities, building maintenance, etc. Table 8 and Table 8.1 indicate the breakdown by college, school or division for these two cost categories.

Expenditures vary from year to year because of changes in the government's interests and needs, and types of programs. F&A recovery is subject to variation by sponsor as well as to changes in the university's federally negotiated rate, types of direct costs supported by sponsors, (e.g., salaries vs. equipment), amounts subcontracted to other institutions, and cost allowability as determined by federal regulations and audit practices.

**Table 8**  
**Direct Cost Expenditures**

College/Company	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<b>Medical Center</b>					
Medicine & Dentistry	\$172,760	\$172,155	\$182,902	\$182,902	\$199,040
Nursing	3,445	2,944	3,416	3,416	3,524
Hospitals and Clinics	286	285	324	324	50
Eastman Institute for Oral Health	2,266	1,911	2,216	2,216	2,915
Medical Center Administration	0	-372	0	0	0
<b>Subtotal URMC</b>	<b>178,757</b>	<b>176,923</b>	<b>188,858</b>	<b>188,858</b>	<b>205,529</b>
<b>Arts, Sciences and Engineering</b>					
Arts and Science	29,884	31,360	33,021	35,472	40,806
Hajim School of Engineering & Applied Sciences	24,320	19,754	18,869	25,132	22,026
<b>Subtotal AS&amp;E</b>	<b>54,204</b>	<b>51,114</b>	<b>51,890</b>	<b>60,604</b>	<b>62,832</b>
Laboratory for Laser Energetics	71,090	61,293	60,528	64,509	77,869
<b>Other Schools and Companies</b>					
Warner School of Education	2,404	2,556	2,255	2,418	2,404
Simon School of Business	0	5	47	1	54
Eastman School of Music	556	519	1,080	2,181	469
Memorial Art Gallery	251	361	230	452	771
University Other	9,783	15,137	16,049	23,932	10,925
<b>Subtotal Other</b>	<b>12,994</b>	<b>18,578</b>	<b>19,661</b>	<b>28,984</b>	<b>14,623</b>
<b>Total University Direct Costs</b>	<b>\$317,045</b>	<b>\$307,908</b>	<b>\$320,937</b>	<b>\$342,955</b>	<b>\$360,853</b>

Source: UR Financials

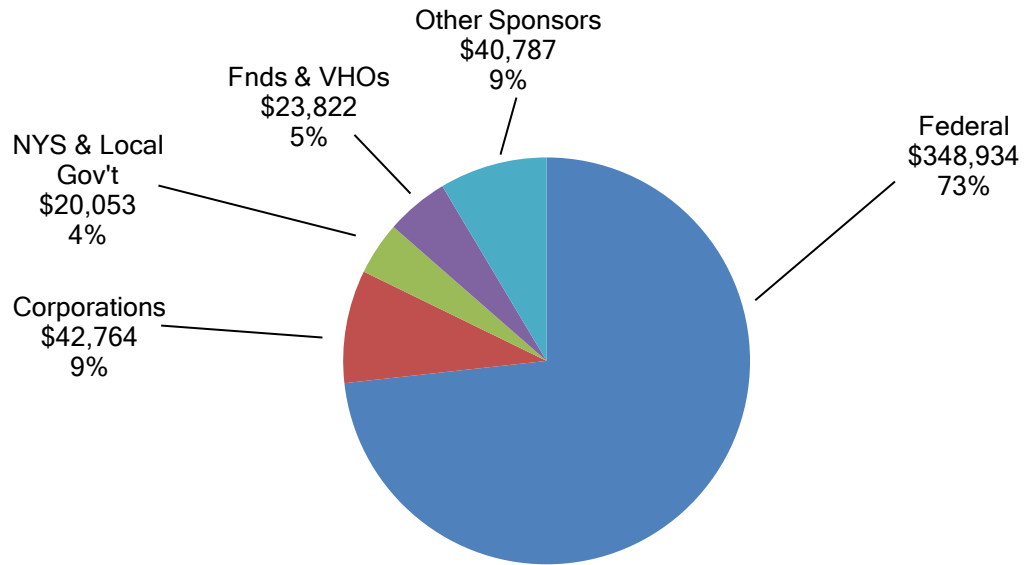
**Table 8.1  
Facilities & Administrative Costs Recovery**

<b>College/Company</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
<b>Medical Center</b>					
Medicine & Dentistry	\$56,114	\$56,798	\$59,260	\$64,245	\$68,556
Nursing	941	884	959	1,225	878
Hospitals and Clinics	16	13	15	9	0
Eastman Institute of Oral Health	618	506	568	738	837
Medical Center Administration	0	2	0	0	0
<b>Subtotal URMC</b>	<b>57,689</b>	<b>58,203</b>	<b>60,802</b>	<b>66,217</b>	<b>70,271</b>
<b>Arts, Sciences and Engineering</b>					
Arts and Sciences	7,961	8,585	9,709	11,192	12,152
Hajim School of Engineering & Applied Sciences	6,304	6,550	6,697	7,501	7,488
<b>Subtotal AS&amp;E</b>	<b>14,265</b>	<b>15,135</b>	<b>16,406</b>	<b>18,693</b>	<b>19,640</b>
Laboratory for Laser Energetics	17,813	18,900	19,298	21,925	24,832
<b>Other Schools and Companies</b>					
Warner School of Education	337	394	469	541	561
Simon School of Business	0	2	0	0	0
Eastman School of Music	1	8	2	1	3
Memorial Art Gallery	2	18	-20	6	41
University Other	240	27	82	138	160
<b>Subtotal Other</b>	<b>580</b>	<b>449</b>	<b>533</b>	<b>686</b>	<b>765</b>
<b>Total University F&amp;A Costs</b>	<b>\$90,347</b>	<b>\$92,687</b>	<b>\$97,039</b>	<b>\$107,521</b>	<b>\$115,508</b>

Source: UR Financials

While the federal government is the primary source of sponsored program funding, the University receives project support from many other sponsors. The chart below and accompanying Table 9 and 9.1 indicate the total University expenditures by type of funding agency.

**Chart F**  
**Sponsored Program Expenditures by Agency Type – FY 2023**



**Table 9**  
**Sponsored Program Expenditures by Agency Type**

Agency Type	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Federal	\$299,171	\$292,175	\$303,213	\$337,750	\$348,934
Corporations	34,563	40,730	42,563	47,122	42,764
NY State & Local Government	13,072	11,805	13,911	15,205	20,053
Foundations & Voluntary Health Organizations	22,621	22,851	23,277	25,726	23,822
Other Sponsors <sup>1</sup>	37,965	33,035	35,013	34,117	40,787
<b>Total</b>	<b>\$407,392</b>	<b>\$400,596</b>	<b>\$417,977</b>	<b>\$459,920</b>	<b>\$476,360</b>

Source: UR Financials

<sup>1</sup>Other sponsors include national laboratories and other non-profit institutions (including subawards from other colleges and universities). The majority of these funds result from federal funding to a primary sponsor for whom the University is a subrecipient.

**Table 9.1**  
**Sponsored Program Expenditures by Federal Agency**

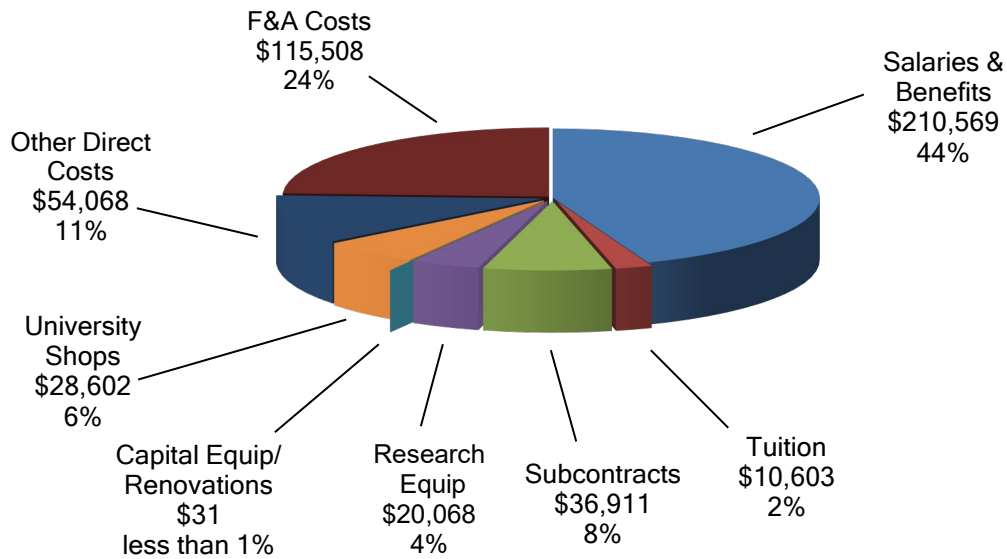
Federal Agency	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Health & Human Services (includes NIH)	\$165,927	\$163,157	\$174,009	\$189,376	\$200,052
Department of Energy	92,186	82,021	82,438	89,838	103,928
Department of Defense	9,022	11,469	10,877	8,940	11,726
National Science Foundation	19,110	17,840	18,090	20,544	21,111
Department of Education <sup>1</sup>	10,679	15,550	15,783	26,058	10,129
National Aeronautics & Space Administration	1,656	1,323	1,272	1,623	1,480
Other Federal Sponsors	591	815	744	1,371	508
<b>Total</b>	<b>\$299,171</b>	<b>\$292,175</b>	<b>\$303,213</b>	<b>\$337,750</b>	<b>\$348,934</b>

Source: UR Financials

<sup>1</sup> FY22 increase in expenditures was the result of CARES Act funding.

The chart below and its supporting Table 10 indicate the expenditure of funds by major cost element.

**Chart G**  
**Sponsored Program Expenditures by Cost Element**



**Table 10**  
**Sponsored Program Expenditures by Cost Element**

Cost Element	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Salaries & Benefits	\$171,763	\$179,595	\$186,833	\$200,473	\$210,569
Tuition	9,586	12,371	11,666	19,396	10,603
Subcontracts	28,645	31,474	32,741	31,600	36,911
Research Equipment	33,975	13,300	14,800	13,399	20,068
Capital Equipment/Renovations	10	6	75	46	31
University Shops	26,559	25,347	26,381	27,181	28,602
Other Direct Costs <sup>1</sup>	46,507	45,816	48,442	60,304	54,068
<b>Total Direct Costs</b>	<b>317,045</b>	<b>307,909</b>	<b>320,938</b>	<b>352,399</b>	<b>360,852</b>
Facilities & Administrative Costs	90,347	92,687	97,039	107,521	115,508
<b>Total</b>	<b>\$407,392</b>	<b>\$400,596</b>	<b>\$417,977</b>	<b>\$459,920</b>	<b>\$476,360</b>

Source: UR Financials

<sup>1</sup>"Other Direct Costs" includes adjustment made for "Other Expense Credits" category, which represents transfers and other adjustments in Financial Accounting Objects (FAOs).

## The University's Ranking Among Its Peers

### By Federally Financed Research and Development Expenditures, FY 2022<sup>1</sup>

1	Johns Hopkins University	\$2,971,816
2	University of Washington	1,083,090
3	University of California, San Diego	970,696
4	University of Michigan	970,636
5	Georgia Institute of Technology	940,488
6	Columbia University	904,346
7	Duke University	901,807
8	University of Pennsylvania	873,318
9	Stanford University	860,125
10	University of California, Los Angeles	848,138
11	University of North Carolina, Chapel Hill	827,158
12	University of Pittsburgh	814,647
13	University of California, San Francisco	780,318
14	University of Maryland	750,447
15	University of Wisconsin, Madison	740,854
16	Yale University	689,270
17	University of Washington, St. Louis	681,353
18	Pennsylvania State University	681,159
19	New York University	668,381
20	Vanderbilt University	666,282
21	University of Minnesota	652,384
22	Ohio State University	636,902
23	Cornell University	636,481
24	Harvard University	628,683
25	Northwestern University	618,771
26	Icahn School of Medicine at Mount Sinai	610,646
27	University of Southern California	601,747
28	Emory University	568,149
29	University of Texas, Austin	536,296
30	Massachusetts Institute of Technology	531,056
31	University of Colorado, Boulder	507,892



**By Federally Financed Research and Development Expenditures, FY 2022<sup>1</sup>**

32	Texas A&M University	505,355
33	University of California, Berkeley	468,542
34	University of California, Davis	468,468
35	University of Florida	467,739
36	University of Chicago	456,806
37	University of Colorado, Anschutz Medical Campus	429,949
38	University of Alabama, Birmingham	421,223
39	University of Illinois, Urbana-Champaign	420,953
40	Baylor College of Medicine	420,054
41	Boston University	413,102
42	Michigan State University	381,504
43	Case Western Reserve University	380,423
44	University of Arizona	374,936
45	University of Utah	367,040
46	Indiana University	360,300
47	Purdue University	352,890
48	Rutgers University	351,660
49	University of Cincinnati	350,392
50	Oregon Health and Science University	346,724
<b>51</b>	<b>University of Rochester</b>	<b>334,503</b>

Note: Expenditure statistics are reported to the National Science Foundation by the University and are based on year-end accounting reports for a given fiscal year.

**The University's Ranking In New York State among Public and Private Institutions**

**By Federally Financed Research and Development Expenditures, FY 2022<sup>1</sup>**

1	Columbia University	904,346
2	New York University	668,381
3	Cornell University	636,481
4	Icahn School of Medicine at Mount Sinai	610,646
<b>5</b>	<b>University of Rochester</b>	<b>334,503</b>

Source: National Center for Science and Engineering Statistics (NCSES), *Higher Education Research and Development Survey Fiscal Year 2022, Table 24*, NSF 24-308. National Science Foundation.

<sup>1</sup>Latest data available at the time of this printing.

The University has one department ranked in the top 10 of FY 2023 NIH funding recipients.

Top 10 Departments in NIH Funding FY 2022 - 2023		
	FY 2022	FY 2023
Department of Orthopaedics	4	5

Note: NIH ranking data corresponds to the federal government fiscal year, which begins October 1 and ends September 30.

Source: Blue Ridge Institute for Medical Research

**Overview of Unfunded Agreement Activity**  
(formerly Material Transfer Activity)

A general definition of an Unfunded Agreement is a contract executed between two entities which outlines the rights and responsibilities of each party that arise due to the transfer of confidential information (Confidentiality Disclosure Agreement [CDA]), data (Data Use Agreement [DUA]) or materials (Material Transfer Agreement [MTA]) for research purposes from one party to the other.

The Unfunded Agreement will dictate how the confidential information, data, or materials and the results from using the confidential information or materials can be used, along with other significant terms, conditions, and obligations. Typically, there is a minimal to no fee associated with such a transfer.

**Table 11**

<b>Agreement Type</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>
Confidential Disclosure (CDA)	323	454	454	465	345
Data Use (DUA)	119	315	271	340	290
Material Transfer (MTA)	235	289	295	284	210
<b>Total Agreements</b>	<b>677</b>	<b>1,058</b>	<b>1,020</b>	<b>1,089</b>	<b>845</b>
<b>Average Agreements per Month</b>	<b>56</b>	<b>88</b>	<b>85</b>	<b>91</b>	<b>70</b>

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