



FY18 Annual Research Report

by Research Administration, 2/25/2020

The Annual Research Report is designed to show the sponsored project and research activities of UT Arlington colleges, schools, centers and institutes, and administrative units. The report is provided in two formats:

1. Sponsored Projects: Is a report that consists of the competitive proposals and awards to external agencies for the conduct of research, teaching, and service. These activities encompass the broader university's mission of community service and instruction.
2. Research Expenditures: Is a report with a strategic focus for the research expenditure metric the university and a variety of state and national reports utilize to gauge and rank a university for research activity. This report includes additional external philanthropic funds such as gifts, endowments, and donations for research as well as institutional sources of funding primarily used to support the research conducted.

DATA DESCRIPTION FOR SPONSORED PROJECTS

1. Proposal Submitted (\$) reflects the total amount requested through a Department, Center or Unit through a proposal submission in Mentis to an external sponsor or competitive internal grant program during the fiscal year.
2. Proposals Awarded (\$) reflects new obligations of funding through a Department, Center or Unit received from an external sponsor or competitive internal grant program during the fiscal year.
3. All Sponsored Expenditures (\$) reflects all expenditures on projects in UT Share during the fiscal year.
4. All amounts above utilize the Absolute (default) method of credit distribution in Mentis (100% to PI academic unit).

DATA DESCRIPTION FOR RESEARCH EXPENDITURES:

1. Expenditure amounts reflect UTA's Total R&D Expenditures, which is greater than the THECB Survey Defined R&D Expenditures; the breakdown of expenditures does not remove the R&D expenses not meeting the narrow THECB definition.
2. All Sponsored expenditures are from Projects in UT Share with a designation of research purpose.
3. All Gifts and Endowments are any Gift or Endowment Cost Centers in UT Share designated with a research purpose.
4. Internal Funding is a combination of Designated funds (e.g. IDC recovery) and General Tuition Revenue (e.g. State funding) Cost Centers in UT Share designated with a research purpose.



FY18 Annual Research Report - Sponsored Projects

UNIVERSITY OF TEXAS ARLINGTON

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
College of Architecture, Planning and Public Affairs	6,006,753	1,603,575	804,730
College of Business	1,406,880	291,500	344,254
College of Education	2,525,756	357,679	525,110
College of Engineering	125,649,735	21,005,876	20,276,188
College of Liberal Arts	899,276	348,465	262,569
College of Nursing and Health Innovation	35,104,452	2,153,167	1,824,724
College of Science	89,266,674	14,017,150	11,479,775
School of Social Work	5,944,733	3,747,751	2,378,954
Division for Enterprise Development	13,804,993	12,974,729	9,863,631
Texas Manufacturing Assistance Center	13,934,567	13,433,553	11,269,660
UT Arlington Research Institute	19,042,790	1,804,024	1,461,236
Office of the President	1,033,435	0	0
Office of the Provost	2,535,862	3,575,386	3,414,545
Office of the Vice President for Research	6,210,273	5,000	64,669
Other Units	1,452,433	1,110,880	191,873
UNIVERSITY TOTAL	324,818,612	76,428,735	64,161,918



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
College of Architecture, Planning and Public Affairs	768,730	158,924	461,152	1,388,807
College of Business	22,715	729,229	371,746	1,123,693
College of Education	422,823	26,110	157,952	606,885
College of Engineering	19,152,370	1,848,083	13,982,160	34,982,612
College of Liberal Arts	262,569	312,105	819,257	1,393,930
College of Nursing and Health Innovation	1,556,436	883,747	2,237,616	4,677,799
College of Science	10,862,692	1,837,436	10,416,660	23,116,790
School of Social Work	147,853	186,578	1,019,041	1,353,472
Division for Enterprise Development	1,092,461	0	0	1,092,461
Texas Manufacturing Assistance Center	9,168,854	62,122	1,055,216	10,286,191
UT Arlington Research Institute	1,461,236	1,381,560	1,664,019	4,506,816
Office of the President	0	0	0	0
Office of the Provost	481,256	0	279,074	760,331
Office of the Vice President for Research	64,669	3,477,238	2,210,608	5,752,515
Other Units	50,176	1,734,626	8,245,104	10,029,905
UNIVERSITY TOTAL	45,514,840	12,637,758	42,919,605	101,072,207



FY2018 Annual Research Report - Sponsored Projects

College of Architecture, Planning and Public Affairs

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
CAPPA Dean's Office	3,384,204	1,543,598	47,546
C-TEDD	2,226,268	0	659,587
Institute of Urban Studies	15,350	50,000	62,423
Planning and Landscape Architecture - PALA	380,931	9,977	33,856
Public Affairs	0	0	1,318
Total College of Architecture, Planning and Public Affairs	6,006,753	1,603,575	804,730



FY2018 Annual Research Report - Sponsored Projects

College of Business

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
Finance and Real Estate	12,000	12,000	0
Information Systems and Operations Management	1,390,380	275,000	341,952
Marketing	4,500	4,500	2,302
Total College of Business	1,406,880	291,500	344,254



FY2018 Annual Research Report - Sponsored Projects

College of Education

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
CoEd Dean's Office	62,938	79,676	69,536
Curriculum and Instruction	2,302,345	133,400	333,073
Educational Leadership and Policy Studies	160,473	144,603	122,501
Total College of Education	2,525,756	357,679	525,110



FY2018 Annual Research Report - Sponsored Projects

College of Engineering

	Proposals Submitted(\$)	Proposals Awarded (\$)	All Sponsored Expenditures (\$)
CoEng Dean's Office	1,820,624	454,000	314,387
Bioengineering	38,668,772	2,717,350	2,851,849
Civil Engineering	23,682,007	4,101,332	4,935,583
Computer Science and Engineering	17,046,330	2,617,277	2,875,549
Electrical Engineering	14,473,774	4,816,851	4,615,181
Industrial, Manufacturing, and Systems Engineering	4,776,035	2,443,408	897,254
Materials Science and Engineering	11,542,208	288,367	486,251
Mechanical and Aerospace Engineering	13,639,985	3,567,291	3,300,134
Total College of Engineering	125,649,735	21,005,876	20,276,188



FY2018 Annual Research Report - Sponsored Projects

College of Liberal Arts

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
Art and Art History	99,897	0	0
Communication	4,971	0	104,177
Criminology & Criminal Justice	92,937	0	0
English	114,762	0	0
History	195,115	138,550	9,660
Linguistics & TESOL	16,060	118,990	104,361
Modern Languages	99,897	0	0
Political Science	71,473	71,473	39,105
Sociology & Anthropology	204,164	19,452	5,266
Total College of Liberal Arts	899,276	348,465	262,569



FY2018 Annual Research Report - Sponsored Projects

College of Nursing and Health Innovation

	Proposals Submitted(\$)	Proposals Awarded (\$)	All Sponsored Expenditures (\$)
Nursing	18,776,593	290,485	805,796
Kinesiology	16,327,859	1,862,682	1,018,928
Total College of Nursing and Health Innovation	35,104,452	2,153,167	1,824,724



FY2018 Annual Research Report - Sponsored Projects

College of Science

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
CoS Dean's Office	615,660	271,655	368,160
Biology	27,313,863	1,871,311	1,227,593
Chemistry and Biochemistry	21,003,841	2,336,158	1,978,619
Earth & Environmental Sciences	4,496,345	1,183,412	588,902
Mathematics	13,797,954	1,595,868	1,039,792
Physics	15,203,799	6,726,539	6,077,558
Psychology	6,835,212	32,207	199,151
Total College of Science	89,266,674	14,017,150	11,479,775



FY2018 Annual Research Report - Sponsored Projects

School of Social Work

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
School of Social Work	5,944,733	3,747,751	2,378,954
Total School of Social Work	5,944,733	3,747,751	2,378,954



FY2018 Annual Research Report - Sponsored Projects

Division for Enterprise Development

	Proposals Submitted(\$)	Proposals Awarded (\$)	All Sponsored Expenditures (\$)
Division for Enterprise Development	13,804,993	12,974,729	9,863,631
Total Division for Enterprise Development	13,804,993	12,974,729	9,863,631



FY2018 Annual Research Report - Sponsored Projects

Texas Manufacturing Assistance Center

	Proposals Submitted(\$)	Proposals Awarded (\$)	All Sponsored Expenditures (\$)
Texas Manufacturing Assistance Center	13,934,567	13,433,553	11,269,660
Total Texas Manufacturing Assistance Center	13,934,567	13,433,553	11,269,660



FY2018 Annual Research Report - Sponsored Projects

UT Arlington Research Institute

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
UT Arlington Research Institute	19,042,790	1,804,024	1,461,236
Total UT Arlington Research Institute	19,042,790	1,804,024	1,461,236



FY2018 Annual Research Report - Sponsored Projects

Office of the President

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
Equal Opportunity Services	1,033,435	0	0
Total Office of the President	1,033,435	0	0



FY2018 Annual Research Report - Sponsored Projects

Office of the Provost

	Proposals Submitted(\$)	Proposals Awarded (\$)	All Sponsored Expenditures (\$)
Provost Office	2,362,613	392,052	56,039
McNair Scholars Program	0	0	277,156
Precollege Program	0	0	2,146,600
Student Support Services	0	781,826	364,925
VP for Student Affairs	133,249	131,250	24,203
TriO Pre-college Programs	40,000	2,270,258	0
Faculty Affairs	0	0	397,561
Learning Innovation Tech Lab	0	0	148,061
Total Office of the Provost	2,535,862	3,575,386	3,414,545



FY2018 Annual Research Report - Sponsored Projects

Office of the Vice President for Research

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
Vice President for Research	6,210,273	5,000	64,669
Total Office of the Vice President for Research	6,210,273	5,000	64,669



FY2018 Annual Research Report - Sponsored Projects

Other Units

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
VP-Admin and Campus Operations	99,999	0	-33,693
Police Department	1,043,240	911,686	166,811
Library	309,194	199,194	55,444
Educ Oppty Center	0	0	3,286
General Accounting	0	0	25
Total Other Units	1,452,433	1,110,880	191,873



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
CAPPA Dean's Office	47,546	0	63,489	111,035
Architecture	0	148,704	148,627	297,330
C-TEDD	659,587	0	0	659,587
Institute of Urban Studies	60,279	359	6,590	67,229
Planning and Landscape Architecture - PALA	0	0	170,706	170,707
Public Affairs	1,318	9,861	71,740	82,919
Total College of Architecture, Planning and Public Affairs	768,730	158,924	461,152	1,388,807



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
CoB Dean's Office	0	605,039	321,759	926,799
Accounting	0	30,000	8,150	38,150
Economics	0	4,032	1,828	5,861
Finance and Real Estate	0	35,713	2,800	38,514
Information Systems and Operations Management	20,413	2,000	14,816	37,229
Management	0	3,500	12,255	15,755
Marketing	2,302	48,945	10,138	61,385
Total College of Business	22,715	729,229	371,746	1,123,693



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
CoEd Dean's Office	67,987	26,110	90,202	184,299
Curriculum and Instruction	232,335	0	34,958	267,293
Educational Leadership and Policy Studies	122,501	0	32,792	155,293
Total College of Education	422,823	26,110	157,952	606,885



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
CoEng Dean's Office	310,180	696,639	1,851,851	2,858,670
Bioengineering	2,851,398	154,202	1,609,060	4,614,660
Civil Engineering	4,315,379	216,583	2,069,096	6,601,058
Computer Science and Engineering	2,622,815	150,482	2,608,511	5,381,807
Electrical Engineering	4,615,181	138,861	2,090,255	6,844,297
Engineering Nano Lab	0	0	0	0
Industrial, Manufacturing, and Systems Engineering	833,713	55,151	544,745	1,433,610
Materials Science and Engineering	486,251	77,685	736,244	1,300,179
Mechanical and Aerospace Engineering	3,117,453	358,480	2,472,398	5,948,331
Total College of Engineering	19,152,370	1,848,083	13,982,160	34,982,612



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
CoLA Dean's Office	0	180,845	445,377	626,221
Art and Art History	0	185	44,962	45,147
Communication	104,177	0	42,059	146,235
Criminology & Criminal Justice	0	1	37,770	37,772
English	0	920	37,726	38,645
History	9,660	127,090	73,298	210,048
Linguistics & TESOL	104,361	3,017	17,161	124,540
Modern Languages	0	0	40,421	40,421
Music	0	0	13,225	13,225
Philosophy & Humanities	0	0	4,097	4,097
Political Science	39,105	47	18,951	58,103
Sociology & Anthropology	5,266	0	30,857	36,123
Theatre Arts	0	0	12,917	12,917
Women's & Gender Studies	0	0	436	436
Total College of Liberal Arts	262,569	312,105	819,257	1,393,930



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
Nursing	537,620	759,387	1,518,686	2,815,693
Kinesiology	1,018,816	124,360	718,930	1,862,106
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Total College of Nursing and Health Innovation	1,556,436	883,747	2,237,616	4,677,799



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
CoS Dean's Office	156,234	17,951	1,712,120	1,886,304
Biology	1,227,593	200,666	1,697,399	3,125,659
Chemistry and Biochemistry	1,978,619	583,309	2,018,841	4,580,769
Earth & Environmental Sciences	588,902	22,506	659,239	1,270,647
Mathematics	708,007	18,599	1,260,427	1,987,034
Physics	6,004,186	952,498	2,145,971	9,102,656
Psychology	199,151	41,907	922,663	1,163,721
Total College of Science	10,862,692	1,837,436	10,416,660	23,116,790



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
School of Social Work	147,853	186,578	1,019,041	1,353,472
Total School of Social Work	147,853	186,578	1,019,041	1,353,472



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
Division for Enterprise Development	1,092,461	0	0	1,092,461
Total Division for Enterprise Development	1,092,461	0	0	1,092,461



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
Texas Manufacturing Assistance Center	9,168,854	62,122	1,055,216	10,286,191
Total Texas Manufacturing Assistance Center	9,168,854	62,122	1,055,216	10,286,191



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
UT Arlington Research Institute	1,461,236	1,381,560	1,664,019	4,506,816
Total UT Arlington Research Institute	1,461,236	1,381,560	1,664,019	4,506,816



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
Equal Opportunity Services	0	0	0	0
Total Office of the President	0	0	0	0



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
VP Enrollment Management	0	0	36,967	36,967
Provost Office	56,039	0	110,430	166,470
McNair Scholars Program	277,156	0	22,166	299,322
Precollege Program	0	0	0	0
Student Support Services	0	0	0	0
VP for Student Affairs	0	0	0	0
TriO Pre-college Programs	0	0	0	0
Faculty Affairs	0	0	52,640	52,640
Learning Innovation Tech Lab	148,061	0	56,871	204,932
Total Office of the Provost	481,256	0	279,074	760,331



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
Office of Graduate Studies	0	399,107	157,861	556,968
Research Administration	0	665	0	665
Vice President for Research	64,669	1,891,563	523,053	2,479,285
Shimadzu Inst Research Technol	0	1,185,903	969,250	2,155,153
Technology Management	0	0	560,444	560,444
Total Office of the Vice President for Research	64,669	3,477,238	2,210,608	5,752,515



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
OIT Office of the CIO	0	628,660	378,787	1,007,447
OIT Dev/Ops	0	0	1,491,642	1,491,642
OIT Network Services	0	0	973,160	973,160
Global Education Outreach	0	0	290,441	290,441
VP-Admin and Campus Operations	0	0	0	0
Police Department	0	0	0	0
Library	50,176	500,844	14,626	565,646
Accounting Services	0	0	0	0
Assist VP for Student Affairs	0	0	1,902	1,902
Educ Oppty Center	0	0	0	0
Financial Reporting	0	605,122	5,132,810	5,737,931
General Accounting	0	0	0	0
Student Financial Accounting	0	0	0	0
Student Activities	0	0	1,675	1,675
Chief Financial Officer & VP	0	0	-88,029	-88,029
Payroll Services	0	0	48,090	48,090
Total Other Units	50,176	1,734,626	8,245,104	10,029,905



FY18 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
UNIVERSITY TOTAL	45,514,840	12,637,758	42,919,605	101,072,207