



## **FY20 Annual Research Report**

*by Research Administration, 2/11/2021*

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.



## FY20 Annual Research Report - Sponsored Projects

UNIVERSITY OF TEXAS ARLINGTON

	<b>Proposals Submitted(\$)</b>	<b>Proposals Awarded (\$)</b>	<b>All Sponsored Expenditures (\$)</b>
College of Architecture, Planning and Public Affairs	406,832	2,987,736	1,760,726
College of Business	582,778	448,994	320,259
College of Education	16,188,145	600,781	226,549
College of Engineering	168,571,666	27,449,910	20,914,458
College of Liberal Arts	2,444,921	350,728	223,397
College of Nursing and Health Innovation	41,234,273	6,399,810	5,786,817
College of Science	96,557,489	15,701,324	12,988,552
School of Social Work	9,930,869	2,558,602	2,685,438
Division for Enterprise Development	6,680,404	8,731,601	10,812,460
Texas Manufacturing Assistance Center	14,712,160	17,532,041	11,644,419
UT Arlington Research Institute	12,912,592	3,096,635	1,705,386
Office of the President	1,075,001	0	44,426
Office of the Provost	5,189,106	2,362,420	1,912,237
Office of the Vice President for Research	1,737,971	743,099	128,994
Other Units	13,813,744	12,692,943	3,423,306
<b>UNIVERSITY TOTAL</b>	<b>392,037,949</b>	<b>101,656,624</b>	<b>74,577,424</b>



## FY20 Annual Research Report - Research Expenditures

UNIVERSITY OF TEXAS ARLINGTON

	Sponsored	Gifts / Endowments	Institutional Funds	Total
<b>College of Architecture, Planning and Public Affairs</b>	1,690,545	229,315	521,597	2,441,457
<b>College of Business</b>	28,566	1,645,798	441,115	2,115,479
<b>College of Education</b>	232,724	10,000	168,634	411,359
<b>College of Engineering</b>	20,001,510	3,714,935	16,517,271	40,233,717
<b>College of Liberal Arts</b>	205,924	160,022	664,236	1,030,183
<b>College of Nursing and Health Innovation</b>	5,269,989	525,399	2,872,676	8,668,063
<b>College of Science</b>	12,914,177	924,422	11,126,773	24,965,371
<b>School of Social Work</b>	485,274	522,728	1,449,442	2,457,443
<b>Division for Enterprise Development</b>	855,290	0	14,160	869,450
<b>Texas Manufacturing Assistance Center</b>	10,632,315	53,532	171,220	10,857,067
<b>UT Arlington Research Institute</b>	1,705,386	518,150	2,391,264	4,614,801
<b>Office of the President</b>	2,000	396,652	0	398,652
<b>Office of the Provost</b>	621,678	82,051	789,515	1,493,244
<b>Office of the Vice President for Research</b>	128,994	833,833	4,338,347	5,301,174
<b>Other Units</b>	120,634	1,263,209	18,971,776	20,355,619
<b>UNIVERSITY TOTAL</b>	54,895,006	10,880,046	60,438,026	126,213,080
<b>AFR Research Expenditures not meeting the narrower definition of of THECB Survey</b>				624,575
<b>Total THECB Research Expenditures</b>				125,588,505



## FY2020 Annual Research Report - Sponsored Projects

College of Architecture, Planning and Public Affairs

	<b>Proposals Submitted(\$)</b>	<b>Proposals Awarded (\$)</b>	<b>All Sponsored Expenditures (\$)</b>
CAPPA Dean's Office	198,772	2,962,488	31,918
Architecture	22,860	0	-654
C-TEDD	90,797	0	1,656,603
Institute of Urban Studies	0	0	16,610
Planning and Landscape Architecture - PALA	69,156	0	21,516
Public Affairs	25,247	25,248	34,733
<b>Total College of Architecture, Planning and Public Affairs</b>	<b>406,832</b>	<b>2,987,736</b>	<b>1,760,726</b>



## FY2020 Annual Research Report - Sponsored Projects

College of Business

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
CoB Dean's Office	350,000	350,000	291,693
Economics	8,724	98,994	25,566
Finance and Real Estate	124,053	0	3,000
Management	100,000	0	0
<b>Total College of Business</b>	<b>582,778</b>	<b>448,994</b>	<b>320,259</b>



## FY2020 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	3,970,303	161,348	-2,960
Curriculum and Instruction	11,466,826	288,502	54,176
Educational Leadership and Policy Studies	751,015	150,931	175,333
<b>Total College of Education</b>	16,188,145	600,781	226,549



## FY2020 Annual Research Report - Sponsored Projects

College of Engineering

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
CoEng Dean's Office	6,928,237	530,774	770,289
Bioengineering	48,942,138	3,352,523	2,730,023
Civil Engineering	43,601,912	9,892,123	6,360,180
Computer Science and Engineering	28,521,318	4,224,110	3,112,935
Electrical Engineering	12,770,701	3,183,291	3,721,362
Engineering Nano Lab	0	0	-6,059
Industrial, Manufacturing, and Systems Engineering	7,443,537	1,165,968	200,923
Materials Science and Engineering	5,108,256	678,480	469,550
Mechanical and Aerospace Engineering	15,255,567	4,422,641	3,555,255
<b>Total College of Engineering</b>	<b>168,571,666</b>	<b>27,449,910</b>	<b>20,914,458</b>



## FY2020 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	12,224	0	-927
Communication	5,000	0	-1
Criminology & Criminal Justice	1,831,116	47,205	42,883
English	160,296	1,859	0
History	5,000	200,000	161,635
Linguistics & TESOL	293,915	0	3,387
Modern Languages	94,974	101,664	16,973
Political Science	0	0	-553
Sociology & Anthropology	42,396	0	0
<b>Total College of Liberal Arts</b>	<b>2,444,921</b>	<b>350,728</b>	<b>223,397</b>





## FY2020 Annual Research Report - Sponsored Projects

College of Nursing and Health Innovation

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
Nursing	19,041,084	4,005,828	1,529,242
Kinesiology	22,193,189	2,393,982	2,263,965
Nursing - Graduate	0	0	1,561,579
Nursing - Undergrad	0	0	422,940
SMART Hospital & Simulation	0	0	9,091
<b>Total College of Nursing and Health Innovation</b>	<b>41,234,273</b>	<b>6,399,810</b>	<b>5,786,817</b>



## FY2020 Annual Research Report - Sponsored Projects

College of Science

	<b>Proposals Submitted(\$)</b>	<b>Proposals Awarded (\$)</b>	<b>All Sponsored Expenditures (\$)</b>
CoS Dean's Office	1,923,003	135,100	56,439
Biology	16,882,654	3,540,488	2,776,042
Chemistry and Biochemistry	26,746,865	5,058,596	2,256,070
Earth & Environmental Sciences	5,989,710	44,835	383,026
Mathematics	10,344,864	1,042,074	707,455
Physics	31,677,457	5,791,053	6,725,676
Psychology	2,992,936	89,178	83,844
<b>Total College of Science</b>	<b>96,557,489</b>	<b>15,701,324</b>	<b>12,988,552</b>



## FY2020 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	9,930,869	2,558,602	2,685,438
<b>Total School of Social Work</b>	9,930,869	2,558,602	2,685,438



## FY2020 Annual Research Report - Sponsored Projects

Division for Enterprise Development

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
Division for Enterprise Development	6,680,404	8,731,601	10,812,460
<b>Total Division for Enterprise Development</b>	6,680,404	8,731,601	10,812,460



## FY2020 Annual Research Report - Sponsored Projects

Texas Manufacturing Assistance Center

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
Texas Manufacturing Assistance Center	14,712,160	17,532,041	11,644,419
<b>Total Texas Manufacturing Assistance Center</b>	14,712,160	17,532,041	11,644,419



## FY2020 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	12,912,592	3,096,635	1,705,386
<b>Total UT Arlington Research Institute</b>	12,912,592	3,096,635	1,705,386



## FY2020 Annual Research Report - Sponsored Projects

Office of the President

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
Career Services	0	0	44,426
President	1,075,001	0	0
<b>Total Office of the President</b>	1,075,001	0	44,426



## FY2020 Annual Research Report - Sponsored Projects

Office of the Provost

	<b>Proposals Submitted(\$)</b>	<b>Proposals Awarded (\$)</b>	<b>All Sponsored Expenditures (\$)</b>
Provost Office	286,421	116,847	113,401
McNair Scholars Program	0	607,707	224,267
Student Support Services	2,157,995	431,599	433,134
Division of Student Success	0	0	30,655
VP for Student Affairs	142,784	107,140	45,801
TriO Pre-college Programs	0	1,069,127	0
Faculty Affairs	2,586,906	0	941,145
Learning Innovation Tech Lab	15,000	30,000	123,834
<b>Total Office of the Provost</b>	<b>5,189,106</b>	<b>2,362,420</b>	<b>1,912,237</b>





## FY2020 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>
Research Administration	0	0	1,666
Vice President for Research	1,737,971	743,099	127,328
<b>Total Office of the Vice President for Research</b>	<b>1,737,971</b>	<b>743,099</b>	<b>128,994</b>



## FY2020 Annual Research Report - Sponsored Projects

### Other Units

	<u>Proposals Submitted(\$)</u>	<u>Proposals Awarded (\$)</u>	<u>All Sponsored Expenditures (\$)</u>
OIT VP Information Technology	300,000	120,120	0
Police Department	1,151,876	165,827	370,911
VP Enrollment Management	0	0	126,432
Library	96,144	141,265	187,248
Precollege Program	0	0	1,831,306
Educ Oppty Center	0	0	-12
General Accounting	0	0	-79
Chief Financial Officer & VP	12,265,724	12,265,731	907,500
<b>Total Other Units</b>	<b>13,813,744</b>	<b>12,692,943</b>	<b>3,423,306</b>



## FY20 Annual Research Report - Research Expenditures

College of Architecture, Planning and Public Affairs

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
CAPPA Dean's Office	1,751	136,712	141,362	279,824
Architecture	-654	46,882	214,647	260,875
C-TEDD	1,646,675	28,813	72,906	1,748,394
Institute of Urban Studies	8,125	0	2,074	10,199
Planning and Landscape Architecture - PALA	91	0	57,549	57,640
Public Affairs	34,557	16,908	33,059	84,525
<b>Total College of Architecture, Planning and Public Affairs</b>	<b>1,690,545</b>	<b>229,315</b>	<b>521,597</b>	<b>2,441,457</b>



## FY20 Annual Research Report - Research Expenditures

### College of Business

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
CoB Dean's Office	0	1,577,594	342,091	1,919,685
Accounting	0	12,689	12,900	25,590
Economics	25,566	279	11,356	37,201
Finance and Real Estate	3,000	13,636	14,001	30,637
Information Systems and Operations Management	0	5,700	34,095	39,794
Management	0	3,000	26,959	29,959
Marketing	0	32,900	-287	32,613
<b>Total College of Business</b>	<b>28,566</b>	<b>1,645,798</b>	<b>441,115</b>	<b>2,115,479</b>



## FY20 Annual Research Report - Research Expenditures

### College of Education

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
CoEd Dean's Office	1,126	10,000	79,536	90,662
Curriculum and Instruction	56,265	0	67,469	123,734
Educational Leadership and Policy Studies	175,333	0	21,629	196,963
<b>Total College of Education</b>	<b>232,724</b>	<b>10,000</b>	<b>168,634</b>	<b>411,359</b>



## FY20 Annual Research Report - Research Expenditures

### College of Engineering

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
CoEng Dean's Office	771,539	1,190,160	3,102,917	5,064,617
Bioengineering	2,730,023	186,999	1,499,450	4,416,472
Civil Engineering	6,047,428	767,448	2,508,472	9,323,348
Computer Science and Engineering	2,769,188	578,340	2,717,521	6,065,049
Electrical Engineering	3,721,362	264,521	1,916,489	5,902,372
Engineering Nano Lab	-6,059	0	0	-6,059
Industrial, Manufacturing, and Systems Engineering	200,923	50,758	644,329	896,010
Materials Science and Engineering	469,615	264,381	751,099	1,485,095
Mechanical and Aerospace Engineering	3,297,491	412,328	3,376,994	7,086,813
<b>Total College of Engineering</b>	<b>20,001,510</b>	<b>3,714,935</b>	<b>16,517,271</b>	<b>40,233,717</b>



## FY20 Annual Research Report - Research Expenditures

College of Liberal Arts

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
CoLA Dean's Office	0	13,228	353,566	366,794
Art and Art History	-927	40,265	90,953	130,291
Communication	-1	0	43,908	43,907
Criminology & Criminal Justice	42,883	0	48,092	90,975
English	0	0	5,685	5,685
History	154,281	104,869	44,104	303,255
Linguistics & TESOL	3,387	-344	40,996	44,039
Modern Languages	6,854	0	1,462	8,316
Music	0	0	10,957	10,957
Political Science	-553	0	4,244	3,691
Sociology & Anthropology	0	0	8,902	8,902
Theatre Arts	0	2,004	11,367	13,371
<b>Total College of Liberal Arts</b>	<b>205,924</b>	<b>160,022</b>	<b>664,236</b>	<b>1,030,183</b>



## FY20 Annual Research Report - Research Expenditures

College of Nursing and Health Innovation

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
Nursing	1,012,414	512,724	922,719	2,447,857
Kinesiology	2,263,965	12,675	1,051,193	3,327,833
CONHI Research Center	0	0	417,242	417,242
Nursing - Graduate	1,561,579	0	382,634	1,944,213
Nursing - Undergrad	422,940	0	96,924	519,863
SMART Hospital & Simulation	9,091	0	1,964	11,055
<b>Total College of Nursing and Health Innovation</b>	<b>5,269,989</b>	<b>525,399</b>	<b>2,872,676</b>	<b>8,668,063</b>





## FY20 Annual Research Report - Research Expenditures

### College of Science

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
CoS Dean's Office	36,334	222,080	2,308,091	2,566,505
Biology	2,776,042	25,921	1,339,635	4,141,598
Chemistry and Biochemistry	2,256,070	331,399	2,224,083	4,811,553
Earth & Environmental Sciences	383,026	33,682	439,806	856,514
Mathematics	653,224	28,223	1,274,624	1,956,070
Physics	6,725,637	214,449	2,670,082	9,610,167
Psychology	83,844	68,668	870,452	1,022,964
<b>Total College of Science</b>	<b>12,914,177</b>	<b>924,422</b>	<b>11,126,773</b>	<b>24,965,371</b>



## FY20 Annual Research Report - Research Expenditures

### School of Social Work

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
School of Social Work	485,274	522,728	1,449,442	2,457,443
Center for African American Studies	0	0	0	0
<b>Total School of Social Work</b>	<b>485,274</b>	<b>522,728</b>	<b>1,449,442</b>	<b>2,457,443</b>



## FY20 Annual Research Report - Research Expenditures

Division for Enterprise Development

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
Division for Enterprise Development	855,290	0	14,160	869,450
<b>Total Division for Enterprise Development</b>	<b>855,290</b>	<b>0</b>	<b>14,160</b>	<b>869,450</b>



## FY20 Annual Research Report - Research Expenditures

Texas Manufacturing Assistance Center

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
Texas Manufacturing Assistance Center	10,632,315	53,532	171,220	10,857,067
<b>Total Texas Manufacturing Assistance Center</b>	<b>10,632,315</b>	<b>53,532</b>	<b>171,220</b>	<b>10,857,067</b>



## FY20 Annual Research Report - Research Expenditures

UT Arlington Research Institute

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
UT Arlington Research Institute	1,705,386	518,150	2,391,264	4,614,801
<b>Total UT Arlington Research Institute</b>	<b>1,705,386</b>	<b>518,150</b>	<b>2,391,264</b>	<b>4,614,801</b>



## FY20 Annual Research Report - Research Expenditures

Office of the President

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
Career Services	2,000	0	0	2,000
President	0	396,652	0	396,652
<b>Total Office of the President</b>	<b>2,000</b>	<b>396,652</b>	<b>0</b>	<b>398,652</b>



## FY20 Annual Research Report - Research Expenditures

### Office of the Provost

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
Provost Office	166,761	66,602	727,235	960,599
McNair Scholars Program	224,267	0	1,807	226,074
Student Support Services	0	0	0	0
Division of Student Success	30,655	0	0	30,655
VP for Student Affairs	0	0	0	0
TriO Pre-college Programs	0	0	0	0
Faculty Affairs	94,254	0	13,648	107,901
Learning Innovation Tech Lab	105,741	15,449	44,740	165,930
Academic Planning and Policy	0	0	2,085	2,085
<b>Total Office of the Provost</b>	<b>621,678</b>	<b>82,051</b>	<b>789,515</b>	<b>1,493,244</b>



## FY20 Annual Research Report - Research Expenditures

Office of the Vice President for Research

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
Office of Graduate Studies	0	113,595	467,636	581,230
Research Administration	1,666	0	0	1,666
Vice President for Research	127,328	720,816	1,725,193	2,573,337
Shimadzu Inst Research Technol	0	-578	1,563,809	1,563,232
Technology Management	0	0	581,709	581,709
<b>Total Office of the Vice President for Research</b>	<b>128,994</b>	<b>833,833</b>	<b>4,338,347</b>	<b>5,301,174</b>





## FY20 Annual Research Report - Research Expenditures

### Other Units

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
OIT VP Information Technology	0	0	7,333,144	7,333,144
OIT Office of the CIO	0	0	2,800	2,800
OIT Dev/Ops	0	0	557,212	557,212
OIT Network Services	0	0	44,667	44,667
Global Education Outreach	0	0	301,483	301,483
IT for Campus Operations	0	7,000	0	7,000
OIT Research Services	0	0	468,527	468,527
OIT Enterprise Data Services	0	0	1,150,789	1,150,789
OIT Research Computing Oper	0	0	105,869	105,869
Police Department	0	0	0	0
VP Enrollment Management	0	0	11,911	11,911
Library	120,634	0	384,297	504,931
Precollege Program	0	0	0	0
Accounting Services	0	1,074,580	0	1,074,580
Educ Oppty Center	0	0	0	0
Financial Reporting	0	70,098	7,814,817	7,884,915
General Accounting	0	0	0	0
Student Financial Accounting	0	0	0	0
Parking and Transportation	0	0	0	0



## FY20 Annual Research Report - Research Expenditures

### Other Units

	<b>Sponsored</b>	<b>Gifts / Endowments</b>	<b>Institutional Funds</b>	<b>Total</b>
Chief Financial Officer & VP	0	111,531	0	111,531
Budget, Planning and Analysis	0	0	-161	-161
Payroll Services	0	0	796,421	796,421
<b>Total Other Units</b>	120,634	1,263,209	18,971,776	20,355,619