

## Research Expenditure Report

ALL FUND GROUPS	FY 2021				
	As of September 30, 2020				
Unit	Federal	Institutional	Private	State	Grand Total
Division of Health Affairs	\$ 221,858	\$ 819,956	\$ 482,394	\$ 347,107	\$ 1,871,315
Finance & Administration	-	\$ 2,629	\$ 36	-	\$ 2,665
Provost-Academic Affairs	\$ 113,665	\$ 1,682,419	\$ 21,453	\$ 87,459	\$ 1,904,996
Research Grad Studies New Pgms	\$ 68,722	\$ 86,312	\$ 10,353	\$ 248,967	\$ 414,354
Strategic Enrollment & Student Affairs	-	\$ 370	-	-	\$ 370
Student Success	-	\$ 2,213	-	-	\$ 2,213
<b>Grand Total</b>	<b>\$ 404,245</b>	<b>\$ 2,593,900</b>	<b>\$ 514,235</b>	<b>\$ 683,533</b>	<b>\$ 4,195,913</b>

Year-to-Date as of September 30, 2020

FY2020	FY2019	FY2018
As of September 30, 2019	As of September 30, 2018	As of September 30, 2017
\$ 1,674,649	\$ 817,098	\$ 774,109
\$ 11,426	-	-
\$ 2,100,996	\$ 2,042,065	\$ 885,643
\$ 325,947	\$ 284,661	\$ 119,389
\$ 230	-	-
\$ 3,716	\$ 1,882	\$ 3,670
<b>\$ 4,116,964</b>	<b>\$ 3,145,706</b>	<b>\$ 1,782,812</b>

RESTRICTED	FY 2021				
	As of September 30, 2020				
Unit	Federal	Institutional	Private	State	Grand Total
Division of Health Affairs	\$ 149,733	-	\$ 439,998	\$ 6,099	\$ 595,830
Finance & Administration	-	-	\$ 36	-	\$ 36
Provost-Academic Affairs	\$ 83,630	-	\$ 19,698	\$ 69,526	\$ 172,854
Research Grad Studies New Pgms	\$ 58,203	-	\$ 7,729	\$ 151,517	\$ 217,450
<b>Grand Total</b>	<b>\$ 291,566</b>	<b>-</b>	<b>\$ 467,462</b>	<b>\$ 227,142</b>	<b>\$ 986,169</b>

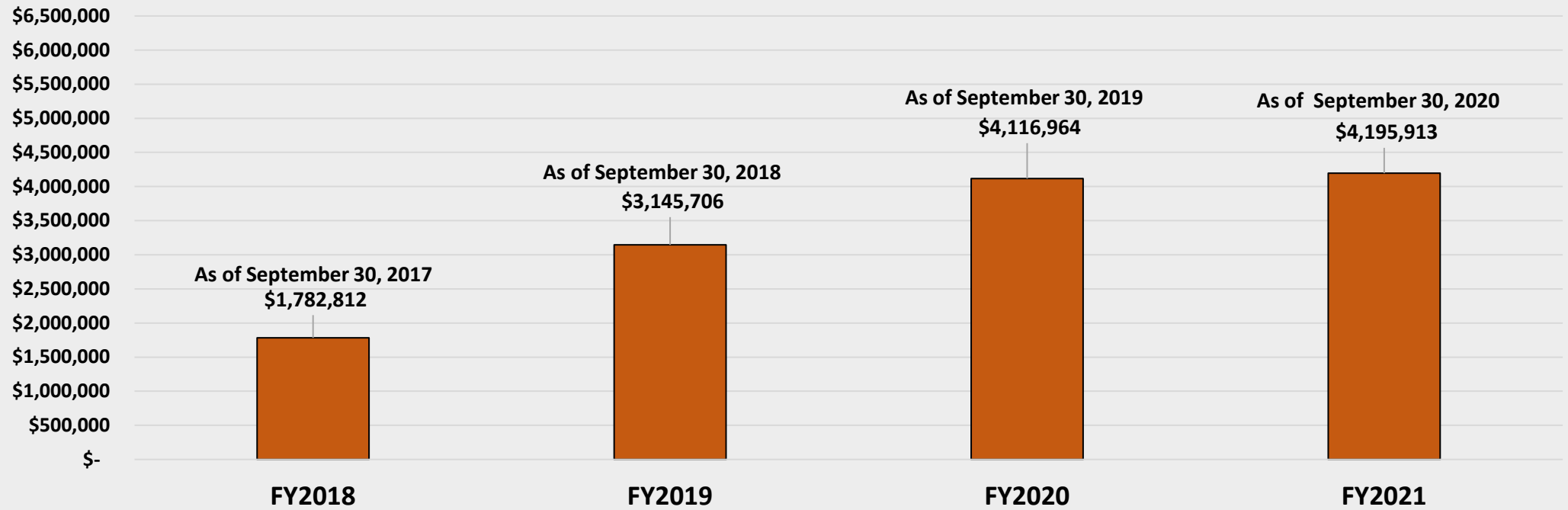
Year-to-Date as of September 30, 2020

FY2020	FY2019	FY2018
As of September 30, 2019	As of September 30, 2018	As of September 30, 2017
\$ 521,500	\$ 178,593	\$ 195,052
\$ 1,426	-	-
\$ 353,983	\$ 257,310	\$ 590,017
\$ 205,880	\$ 165,060	\$ 51,816
<b>\$ 1,082,789</b>	<b>\$ 600,963</b>	<b>\$ 836,885</b>

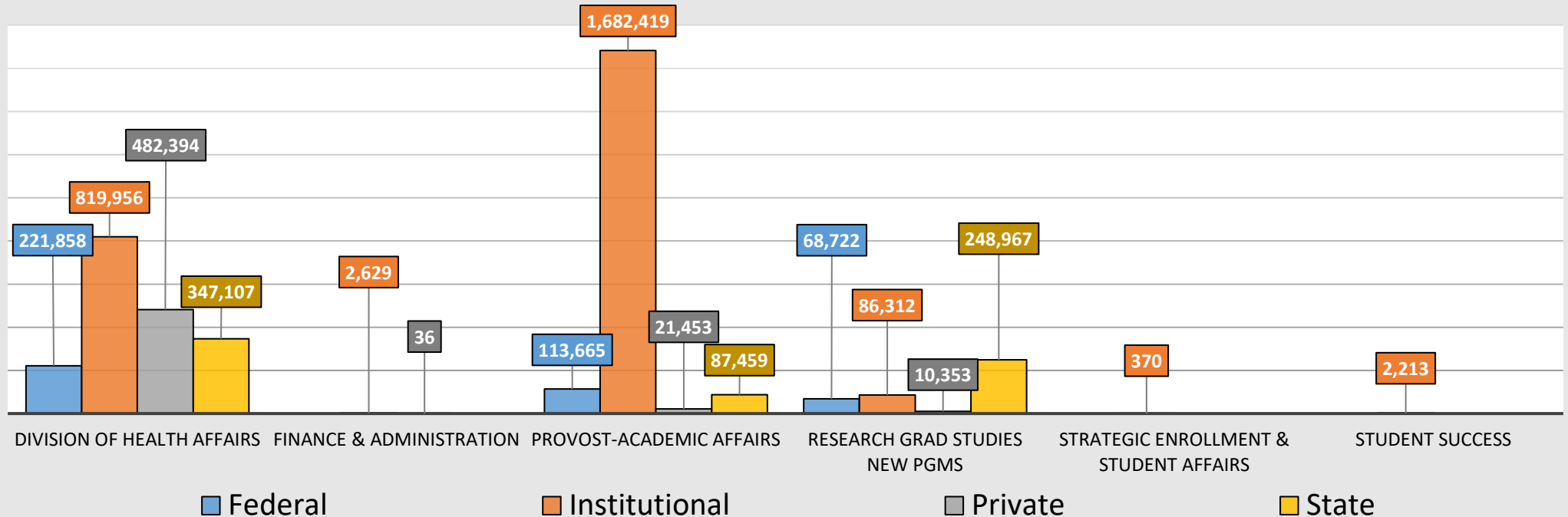
**Note:**

Indirect Costs and Pass-through expenditures have been excluded from the Research Expenditures Report. Restricted research should not include indirect costs and pass-through expenditures in order to match the Sources and Uses report which follows the Texas Higher Education Coordinating Board's Standards and Accounting Methods for Reporting Restricted Research Expenditures.

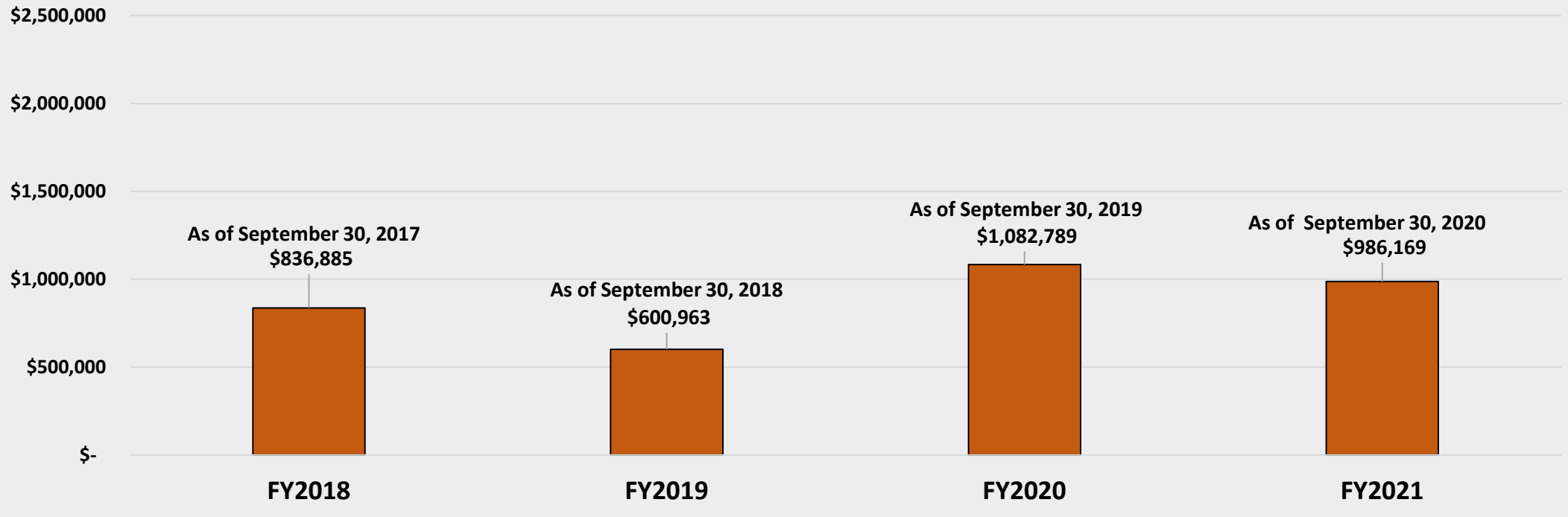
## Research Expenditures - All Fund Groups - By Fiscal Year



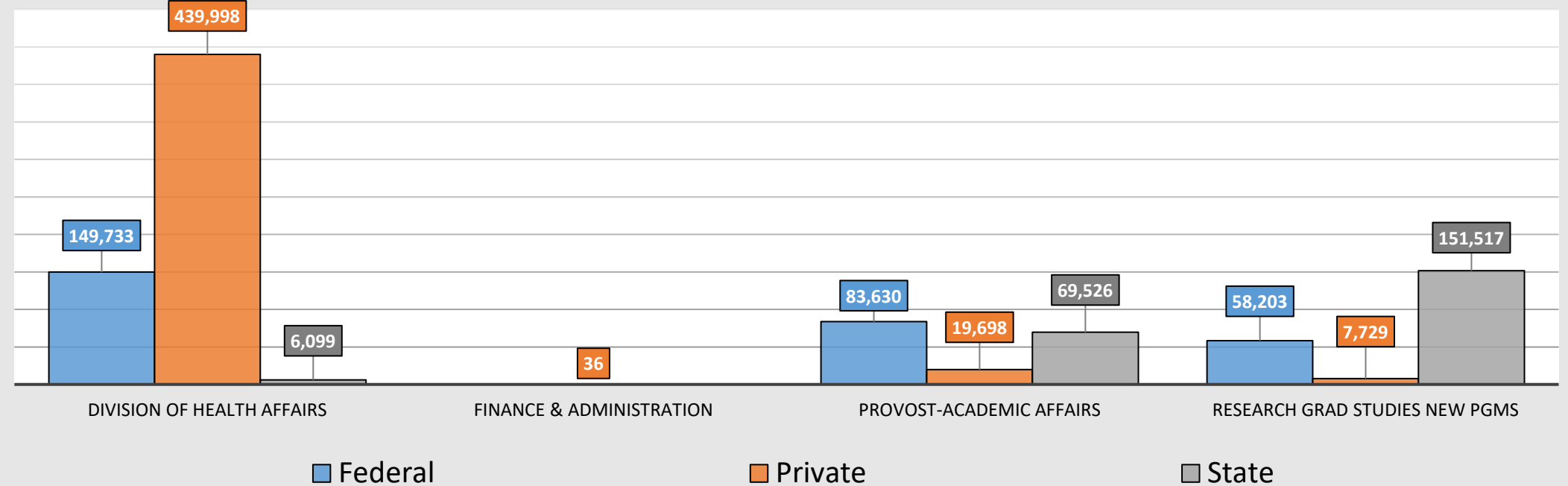
## Research Expenditures - All Fund Groups - By Division



## Research Expenditures - **Restricted** - By Fiscal Year



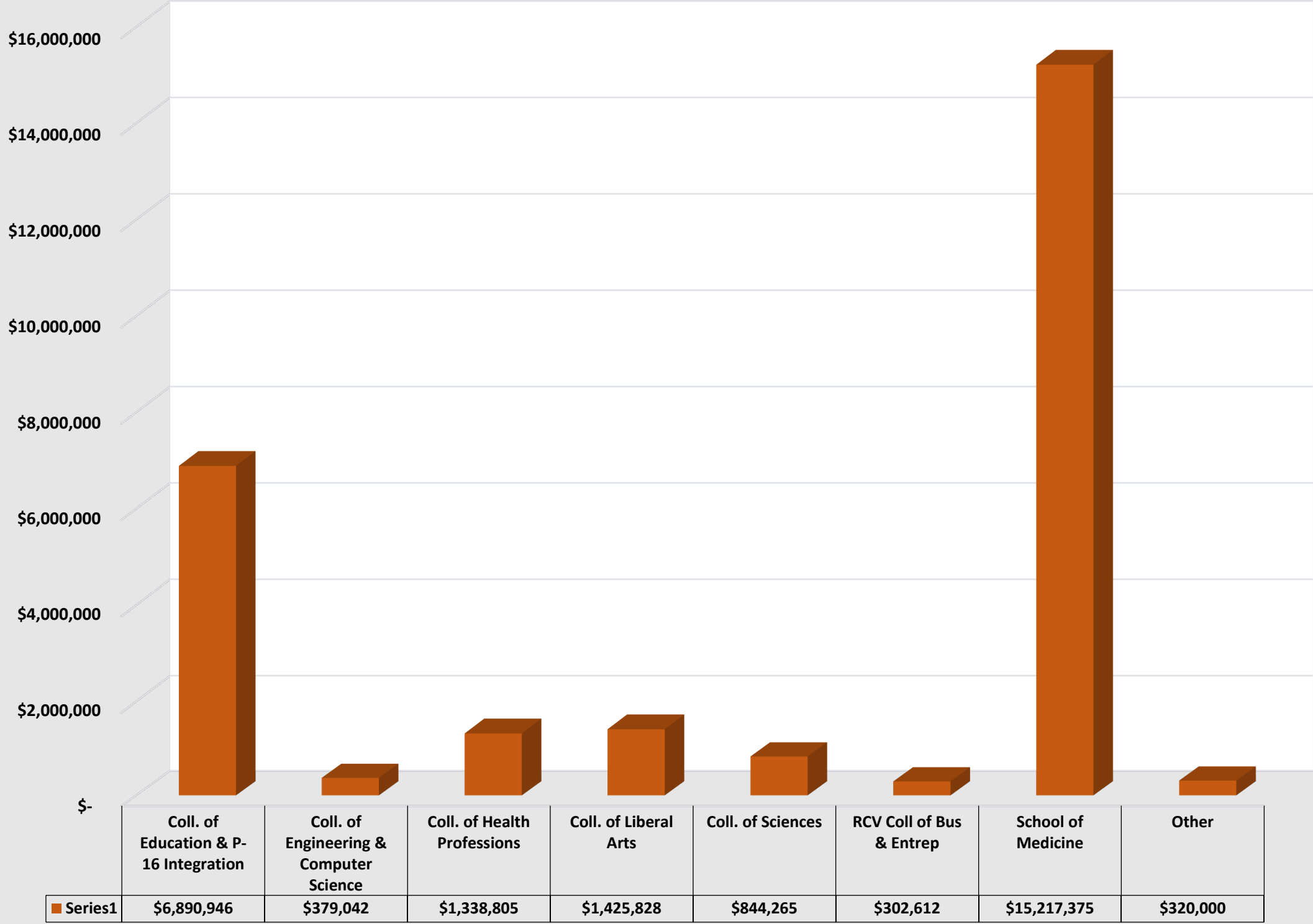
## Research Expenditures - **Restricted** - By Division



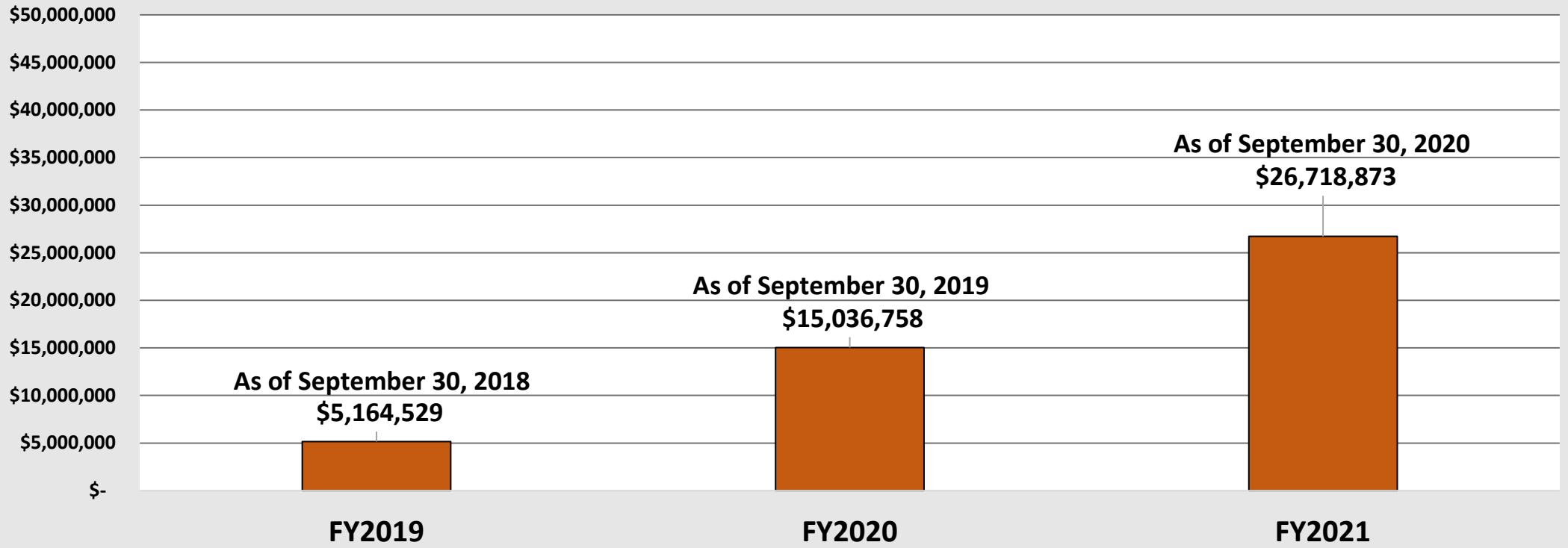
The University of Texas Rio Grande Valley  
 Proposal Submission by College/School

Unit	SEP - FY2021 <i>Sep 1, 2020 - Sep 30, 2020</i>		FY2021 - YTD <i>Sep 1, 2020 - Sep 30, 2020</i>	
	Count	Amount Requested	Count	Amount Requested
<b>Finance &amp; Administration</b>	0	\$ -	0	\$ -
<b>Governmental &amp; Community Relations</b>	1	\$ 300,000	1	\$ 300,000
<b>Health Affairs</b>				
<i>College of Health Professions</i>	2	\$ 1,338,805	2	\$ 1,338,805
<i>School of Medicine</i>	10	\$ 15,217,375	10	\$ 15,217,375
<i>School of Nursing</i>	0	\$ -	0	\$ -
<i>School of Social Work</i>	0	\$ -	0	\$ -
<b>Institutional Advancement</b>	0	\$ -	0	\$ -
<b>President</b>	0	\$ -	0	\$ -
<b>Provost - Academic Affairs</b>				
<i>College of Education &amp; P-16 Integration</i>	3	\$ 6,890,946	3	\$ 6,890,946
<i>College of Engineering &amp; Computer Science</i>	3	\$ 379,042	3	\$ 379,042
<i>College of Fine Arts</i>	0	\$ -	0	\$ -
<i>College of Liberal Arts</i>	4	\$ 1,425,828	4	\$ 1,425,828
<i>College of Sciences</i>	6	\$ 844,265	6	\$ 844,265
<i>Honors College</i>	0	\$ -	0	\$ -
<i>Robert C. Vackar College of Business &amp; Entrepreneurship</i>	2	\$ 302,612	2	\$ 302,612
<b>Research, Graduate Studies &amp; New Program</b>	0	\$ -	0	\$ -
<b>Strategic Enrollment &amp; Student Affairs</b>	1	\$ 20,000	1	\$ 20,000
<b>Student Success</b>	0	\$ -	0	\$ -
<b>Grand Total</b>	<b>32</b>	<b>\$ 26,718,873</b>	<b>32</b>	<b>\$ 26,718,873</b>

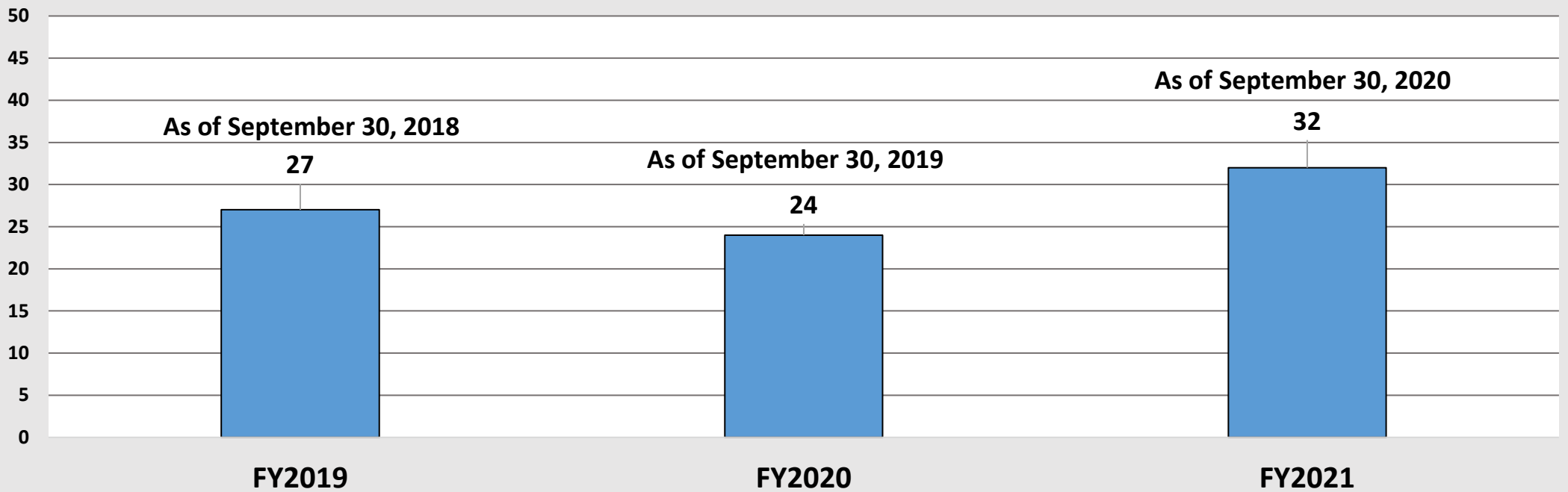
# Proposal Submission - Funds Requested By College & Schools



### Proposals - Funds Requested - By Fiscal Year



### Proposals - Number of Proposals Submitted - By Fiscal Year



**The University of Texas Rio Grande Valley**  
**Proposals submitted in September**

Division	College/School	Department	PI Name	Project Title	Agency/Sponsor Name	Total
<b>Governmental &amp; Community Relations</b>		<b>Business Development</b>	Landez, Hector	<b>The University of Texas Rio Grande Valley Rio South Texas Regional PTAC</b>	U.S. Department of Defense, Defense Logistics Agency	\$ 300,000
<b>Health Affairs</b>	School of Medicine	<b>Graduate Medical Education</b>	Jamal, Nausheen	<b>Obstetrics &amp; Gynecology Residency Program in the Mid-Rio Grande Valley</b>	Private/Foundation	\$ 3,000,000
<b>Health Affairs</b>	School of Medicine	<b>Immunology and Microbiology</b>	Yallapu, Murali	<b>Precise targeted nanomedicine for Bone Metastasis Prostate Cancer</b>	Dept. of the Army -- USAMRAA	\$ 1,089,750
<b>Health Affairs</b>	School of Medicine	<b>Internal Medicine</b>	Dentino, Andrew	<b>Center for Clinical and Translational Sciences (CCTS)</b>	UT Health Science Center Houston / NIH	\$ 1,161,204
<b>Health Affairs</b>	School of Medicine	<b>Internal Medicine</b>	Gutierrez, Cesar	<b>ACTIV-4 Outpatient Platform</b>	UT Health Science Center Houston / NIH	\$ 1,692,842
<b>Health Affairs</b>	School of Medicine	<b>Internal Medicine</b>	Martin, Jessica	<b>FRAHME - Fundamental Role of the Arts and Humanities in Medical Education</b>	Private/Foundation	\$ 25,000
<b>Health Affairs</b>	School of Medicine	<b>Molecular Science</b>	Baker, Kelsey	<b>The role of an Enriched Environment on Recovery from Neurotoxin induced Parkinson's Disease Pathology</b>	U.S. Department of Defense, CDMRP	\$ 693,968
<b>Health Affairs</b>	School of Medicine	<b>Molecular Science</b>	Kim, Dae Joon	<b>Modulation of skin cancer by TC-PTP</b>	National Institutes of Health (NIH)	\$ 2,210,555
<b>Health Affairs</b>	School of Medicine	<b>Neuroscience</b>	Maestre, Gladys	<b>South Texas Alzheimer's Disease Center Genetic Architecture of Psychosis in a Rural Andean Population Sample</b>	UT Health Science Center San Antonio / NIH	\$ 4,472,813
<b>Health Affairs</b>	School of Medicine	<b>Ofc of Human Genetics</b>	Blangero, John		UT Health Science Center San Antonio / NIH	\$ 693,175
<b>Health Affairs</b>	School of Medicine	<b>Pediatrics</b>	Griffin, Marsha	<b>Humanitarian Care Network Pregnant Women and Children Initiative</b>	Private/Foundation	\$ 178,068
<b>Provost</b>	College of Education & P-16 Integration	<b>Human Development &amp; School Services</b>	Medrano, Hilda	<b>UTRGV EHS-CCP Expansion Program</b>	Administration for Children and Families	\$ 2,213,468
<b>Provost</b>	College of Education & P-16 Integration	<b>Teaching &amp; Learning</b>	Chapman, Angela	<b>Collaborative Research: SABES: Spanish as a Bridge for Educational</b>	National Science Foundation	\$ 1,760,850
<b>Provost</b>	College of Education & P-16 Integration	<b>Teaching &amp; Learning</b>	Chapman, Angela	<b>Infusing Culturally Responsive Data Literacy into Educator Preparation</b>	National Science Foundation	\$ 2,916,628
<b>Provost</b>	College of Engineering & Computer Science	<b>Mechanical Engineering</b>	Vasquez, Horacio	<b>Improving undergraduate engineering students' conceptual understanding through student-developed classroom demonstrations</b>	Utah State University / NSF	\$ 20,001

**The University of Texas Rio Grande Valley**  
**Proposals submitted in September**

Division	College/School	Department	PI Name	Project Title	Agency/Sponsor Name	Total
Provost	College of Engineering & Computer Science	Mfg & Industrial Engineering	Butler, Alley	Augmented Reality for HAZMAT Incident Management	American Bureau of Shipping / National Institute of Standards and Technology	\$ 200,712
Provost	College of Engineering & Computer Science	Office of the Dean	Qubbaj, Ala	External Review Letters in Promotion and Tenure Decision Making: Validity and Fairness	University of Houston / NSF	\$ 158,329
Provost	College of Health Professions	Health & Biomedical Sciences	Forman, Tracia	Use of recognized standards, terminologies, and data sets in electronic health records (EHRs)	Private/Foundation	\$ 5,820
Provost	College of Health Professions	Health & Biomedical Sciences	Roy, Upal	The role of an Enriched Environment on Recovery from Neurotoxin induced Parkinson's Disease Pathology	U.S. Department of Defense, CDMRP	\$ 1,332,985
Provost	College of Liberal Arts	Psychological Science	Gil, Mario	The role of an Enriched Environment on Recovery from Neurotoxin induced Parkinson's Disease Pathology	U.S. Department of Defense, CDMRP	\$ 973,047
Provost	College of Liberal Arts	Psychological Science	Hovey, Joseph	Momentary Mental Health Assessments of Frontline Healthcare Workers in the Rio Grande Valley	Private/Foundation	\$ 5,000
Provost	College of Liberal Arts	Sociology	Kyne, Dean	A Participatory Approach to Building Community Resilience to Floods under Climate Change and Pandemic in the Rio Grande Valley	National Science Foundation	\$ 234,390
Provost	College of Liberal Arts	Sociology	Kyne, Dean	Assessing Impact of the Dynamic COAst in South Texas (AIDCOASTX)	UT Austin / NSF	\$ 213,391
Provost	College of Sciences	Mathematical & Statistical Sci	Garber, Alexey	Combinatorics of periodic tilings and point patterns	National Science Foundation	\$ 167,751
Provost	College of Sciences	Mathematical & Statistical Sci	Glazyrin, Alexey	RUI: Point Configurations in Euclidean Spaces, Spheres, and Discrete	National Science Foundation	\$ 201,544
Provost	College of Sciences	Mathematical & Statistical Sci	Liu, Bingyuan	Problems on analysis, geometry and dynamical system of several complex	National Science Foundation	\$ 269,367
Provost	College of Sciences	Mathematical & Statistical Sci	Yoon, Jasang	RUI: Commuting pairs of bounded operators	National Science Foundation	\$ 120,744



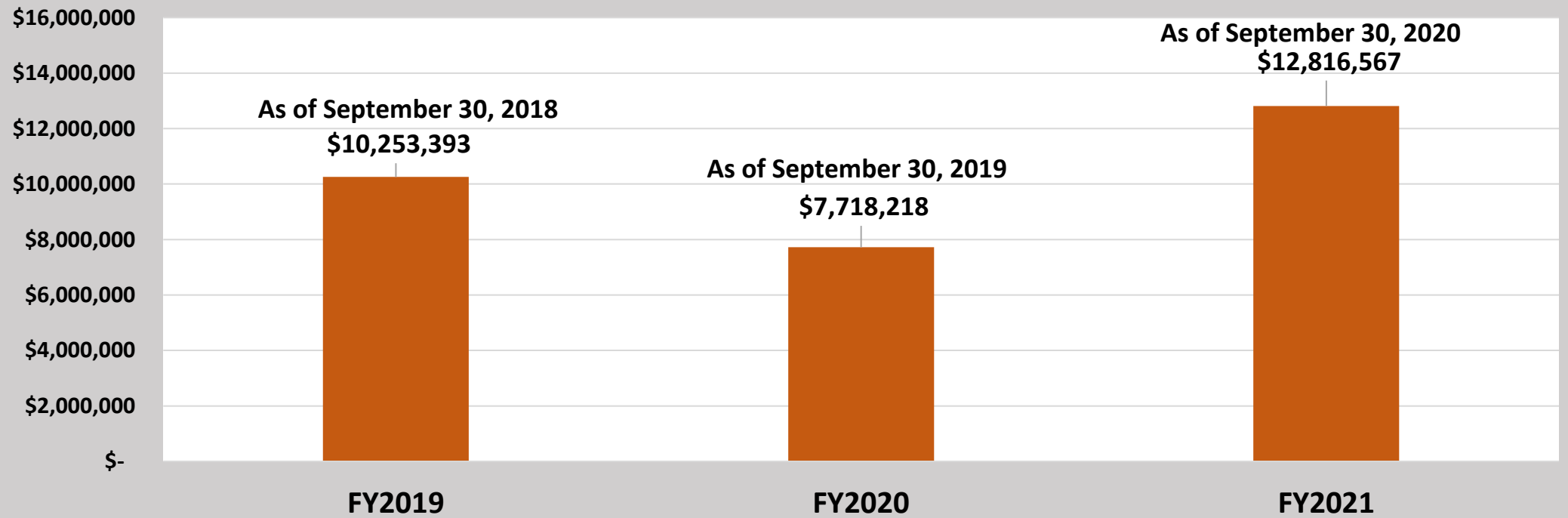
**The University of Texas Rio Grande Valley**  
**Proposals submitted in September**

Division	College/School	Department	PI Name	Project Title	Agency/Sponsor Name	Total
Provost	College of Sciences	Physics and Astronomy	Madrid, Juan	Investigating the X-ray extended emission around the radio galaxy 3C 297	Private/Foundation	\$ 9,859
Provost	College of Sciences	Sch of Earth Env & Marine Sci	Raysoni, Amit	Air Pollution and Climate Change Variability	Private/Foundation	\$ 75,000
Provost	Robert C. Vackar College of Business & Entrepreneurship	Ctr for Innovation Commercial	Simmons, Laurie	Expanding Online and Technical Resources for RGV Entrepreneurs and Small Businesses affected by COVID-19	Economic Development Administration	\$ 291,532
Provost	Robert C. Vackar College of Business & Entrepreneurship	Information Systems	Hughes, Jerald	UTRGV Everyone Can Code Remote Course	Private/Foundation	\$ 11,080
Strategic Enrollment and Student Affairs		Student Involvement	Dominguez, Jodie	The UTRGV LeaderShape Institute	Private/Foundation	\$ 20,000
<b>Grand Total</b>						<b>\$ 26,718,873</b>

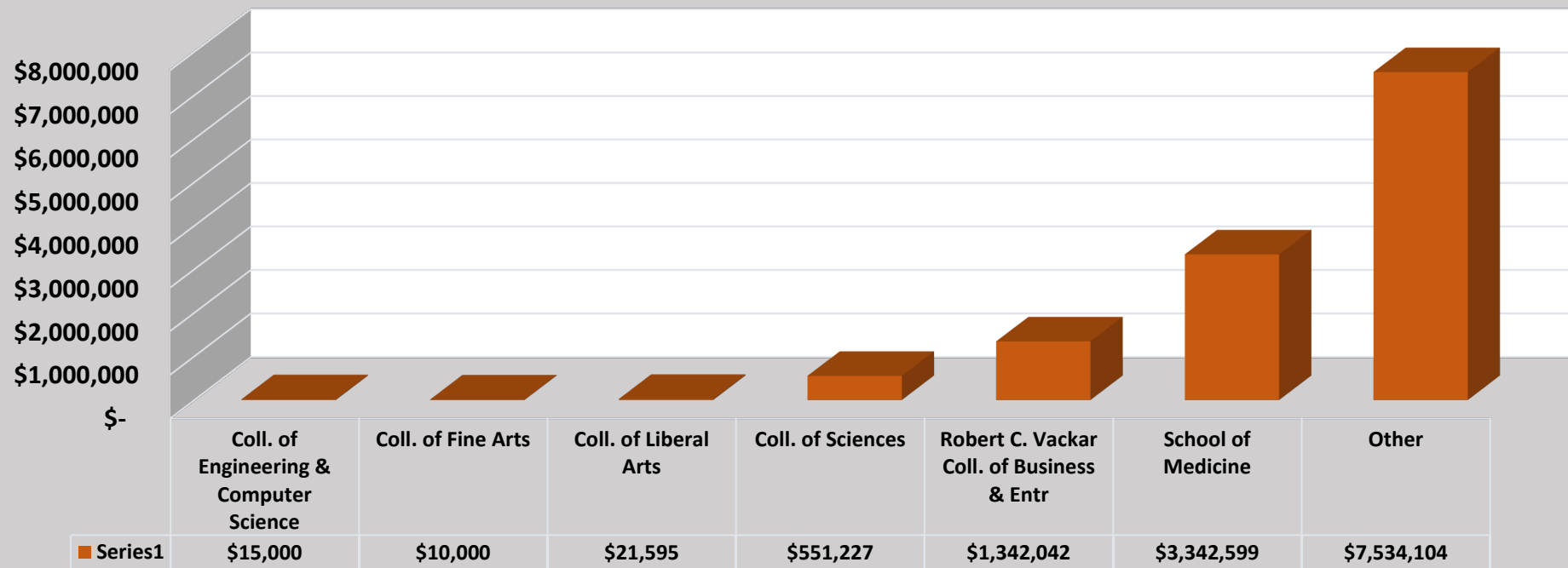
The University of Texas Rio Grande Valley  
Awards by Schools/Colleges

Unit	SEP - FY2021 <i>Sep 1, 2020 - Sep 30, 2020</i>		FY2021 - YTD <i>Sep 1, 2020 - Sep 30, 2020</i>	
	Count	Amount Requested	Count	Amount Requested
<b>Finance &amp; Administration</b>	0	\$ -	0	\$ -
<b>Governmental &amp; Community Relations</b>	1	\$ 15,000	1	\$ 15,000
<b>Health Affairs</b>				
<i>College of Health Professions</i>	0	\$ -	0	\$ -
<i>School of Medicine</i>	5	\$ 3,342,599	5	\$ 3,342,599
<i>School of Nursing</i>	0	\$ -	0	\$ -
<i>School of Social Work</i>	0	\$ -	0	\$ -
<b>Institutional Advancement</b>	0	\$ -	0	\$ -
<b>President</b>	0	\$ -	0	\$ -
<b>Provost - Academic Affairs</b>				
<i>College of Education &amp; P-16 Integration</i>	0	\$ -	0	\$ -
<i>College of Engineering &amp; Computer Science</i>	1	\$ 15,000	1	\$ 15,000
<i>College of Fine Arts</i>	1	\$ 10,000	1	\$ 10,000
<i>College of Liberal Arts</i>	1	\$ 21,595	1	\$ 21,595
<i>College of Sciences</i>	2	\$ 551,227	2	\$ 551,227
<i>Honors College</i>				
<i>Robert C. Vackar College of Business &amp;</i>	1	\$ 1,342,042	1	\$ 1,342,042
<b>Research, Graduate Studies &amp; New Program Development</b>	2	\$ 51,520	2	\$ 51,520
<b>Strategic Enrollment &amp; Student Affairs</b>	2	\$ 7,467,584	2	\$ 7,467,584
<b>Student Success</b>	0	\$ -	0	\$ -
<b>Grand Total</b>	<b>16</b>	<b>\$ 12,816,567</b>	<b>16</b>	<b>\$ 12,816,567</b>

## Awards - Funds Awarded - By Fiscal Year



## FY 21 Awards Received by College/Schools



**The University of Texas Rio Grande Valley**  
**Awards received in September**

Division	College/School	Department	PI Name	Award Title	Sponsor	Type of Project	Total
Governmental and Community Relations	-	Economic Development	Uhrbrock, Michael	FY21 Technical Assistance Center	City of Edinburg	New Award	\$ 15,000
Health Affairs	School of Medicine	Immunology and Microbiology	Chauhan, Subhash	International Conference on Cancer Health Disparities	National Institutes of Health (NIH)	New Award	\$ 20,000
Health Affairs	School of Medicine	Molecular Science	Potter-Baker, Kelsey	Targeted High-Definition tDCS to Improve Upper Limb Rehabilitation in SCI	National Institutes of Health (NIH)	New Award	\$ 290,599
Health Affairs	School of Medicine	Neuroscience Ofc of Human Genetics	Maestre, Gladys	Integration of Socio-Spatial Data for Neighborhoods with Multi-omic profiles to Identify and Mitigate Factors Affecting Risk of Alzheimer's Disease	National Institutes of Health (NIH)	New Award	\$ 2,906,000
Health Affairs	School of Medicine	Genetics	Blangero, John	Human Hypothalamic Neuronal Epigenomics and Risk of Obesity	UTHSCSA	Amendment	\$ 66,000
Health Affairs	School of Medicine	Pediatrics	Escalona, Cristel	FY21 School of Medicine - Joint Admission Medical Program	University of Texas System Admin Office	New Award	\$ 60,000
Provost	College of Engineering & Computer Science	Mechanical Engineering	Crown, Stephen	2020 Texas Prefreshman Engineering Program (TexPREP) Engineering Ambassadors	Private/Foundation	New Award	\$ 15,000
Provost	College of Fine Arts	Art	McAllen, Katherine	Uncovered Spaces: An Exhibition of Women Artists at the University of Texas Rio Grande Valley and International Museum of Art and Science (IMAS), McAllen	Private/Foundation	New Award	\$ 10,000
Provost	College of Liberal Arts	History	Skowronek, Russell	Ancient Landscape Projects	Private/Foundation	New Award	\$ 21,595
Provost	College of Sciences	Sch of Earth Env & Marine Sci	DeYoe, Hudson	Beach Watch Program	Texas General Land Office	New Award	\$ 98,000
Provost	College of Sciences	Sch of Earth Env & Marine Sci	Harrison, Cheryl	Collaborative Research: Evaluating Climate Change and Kill Mechanisms Associated with the End-Cretaceous Mass Extinction: A Model-Data Comparison Approach	National Science Foundation	New Award	\$ 453,227
Provost	Robert C. Vackar College of Business and Entrepreneurship	Ctr for Innovation Commercial	Simmons, Laurie	Creating a Vibrant Regional Innovation and Entrepreneurial Ecosystem	U.S. Department of Commerce	New Award	\$ 1,342,042

Division	College/School	Department	PI Name	Award Title	Sponsor	Type of Project	Total
Research, Graduate Studies and New Program Development	-	Sustainable Agr & Rural Advncmt	Cruz-Reyes, Aisha	Texas Hispanic Farmer and Rancher Conference 2021	U.S. Department of Agriculture	New Award	\$ 50,000
Research, Graduate Studies and New Program Development	-	University Library	Sharpe, Paul	Interlibrary Loan Lends	Texas State Library and Archives Commission	New Award	\$ 1,520
Strategic Enrollment and Student Affairs	-	Financial Aid	Castilla, Griselda	IME BECAS 2020	Private/Foundation	New Award	\$ 4,500
Strategic Enrollment and Student Affairs	-	Ofc of Strategic Enrol & St Af	Castilla, Griselda	Governor's Emergency Education Relief (GEER) Fund	Texas Higher Education Coordinating Board	New Award	\$ 7,463,084
<b>Grand Total</b>							<b>\$12,816,567</b>

# FY 21 Awards Funded - By Funding Source

