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PR/Award Number: **P031S200014** Reporting Period: **10/1/2021 to 09/30/2022**

Grantee Name: College of the Mainland Program Officer: Robin Dabney (robin.dabney@ed.gov)

Grant Identification

eneral Inform	ation					
PR Award N	l umber: P0:	31S200014	Unit ID:	226408		
Program:			Title V Developing H	Title V Developing Hispanic-Serving Institutions		
Grantee Name (Institution Name):			College of the Mainl	and		
Address 1:			1200 AMBURN RD			
Address 2: (Optional)					
City:			TEXAS CITY			
State:	TEXAS	Zip:	77591	Zip + 4:		
Project Title	2:		Pathways Accelerati	ing STEM Success (PASS)		
Institution '	Type/Control: 2-y	ear Public	Grant Type:	Individual Development Grant		

Project Director							
First Name:	Deborah		Last Name:	Fregia			
Title			Title V Director				
Email			dfregia@com.edu				
Office Phone:	(409)-933-8801	Ext.		Cell Phone:			

Additional Contac	t Person Information				
First Name:	Cynthia		Last Name:	Pagan	
Email:			cpagan2@com.edu		
Office Phone:	(409)-933-8672	Ext.		Cell Phone:	

Grant and Report Inform	ation	
Grant Award Year:		10/01/2020
Reporting From:		10/1/2021 to 09/30/2022
Grant End Year:	09/30/2025	Total Duration of Grant: 5 Yrs
Program Officer:		Robin Dabney (robin.dabney@ed.gov)

Section 1

Section 1: Executive Summary

All questions are limited to 1500 characters or less (approximately 250 words) unless otherwise stated. Keep in mind that all questions, unless otherwise stated, pertain to the reporting period indicated above.

1. The goals of Titles III, V, and VII grants are to strengthen an institution's capacity to serve low-income and minority students. Use the following questions to summarize how your grant is enabling your institution to fulfill the legislative intent of the Titles III, V, or VII program during the most recently completed grant period.

College of the Mainland (COM) successfully completed year two of the Title V Grant entitled "Pathways Accelerating STEM Success (PASS)." The focus of this grant is to improve instructional support and academic attainment for Hispanic and low-income students. By increasing student services supports and instructional opportunities, student enrollment, retention and graduation rates should increase. This grant is also focused on increasing financial aid applications through improved financial literacy offerings, reducing financial obstacles for our students. Year 2 of the PASS grant welcomed students back to campus after much of the previous year was spent virtually.

1a. Summarize the impact your institution's Titles III, V, or VII grant has had on enrollment this year.

This year, Title V made a positive impact on enrollment through many of its programs and efforts. Spring 2022 overall enrollment was up 3.6% over Spring 2023 enrollment, with a large (and somewhat expected) gain in face to face course enrollment after many months of virtual classes being the majority of our academic offerings to students. Additionally, one of our objectives in the grant is to increase full time equivalent (FTE) enrollment by 5% annually. While we are below our initial targets due to a drop in FTE during Covid, we did see an increase of FTE by 8.8% from last year to this year, with a total number of FTE of 3,074.

1b. Summarize the impact your institution's Titles III, V, or VII grant has had on graduation rates this year.

The three year graduation rates (a grant objective(at COM remained steady this year at 29%, but it is out hope with the new programs and coaching efforts, these numbers will begin to increase in coming years. Two year graduation rates increased by 2%, likely due to increased advising communications and the purchase of technology to monitor students who are close to graduating and may need assistance to complete.

1c. Summarize the impact your institution's Titles III, V, or VII grant has had on student persistence/retention this year.

The Title V PASS grant includes as objective to measure the fall to fall retention rates for Hispanic students each year, with a target increase of 1% per year. This year our retention remained steady at 65%, but this was after a large increase 2 years ago from 59%, so we believe remaining steady will show that our efforts and programming are having a positive influence on our student population. Overall COM retention did make a large jump from 57% to 68% this year.

1d. Summarize the impact your institution's Titles III, V, or VII grant has had on fiscal stability this year.

Facilitation of the Title V grant activity has the potential to provide additional funding the through the Texas legislated Success Point model. The underlying premise of the Texas Success Point model is student success at community colleges should not be deemed solely by end point event (e.g., degrees and transfer); but rather, as community college receive funding for intermediate steps, such as completion of developmental work and first college-level coursework that mark student success at community college.

2. Based on the goals set forth in your comprehensive development plan and/or grant application, summarize the major milestones reached during this grant period.

The Summer Workshop in Math (SWIM) and Intensive three week program aimed at increasing college math placement scores of incoming first year students interested in STEM fields, thus allowing them to begin their STEM degree plans earlier than they otherwise would have been able to . After two sessions of SWIM in Summer 2022, 68% of the participants were able to increase their placements scores, and thus the level of Math they initially entered into at the college. This program included intensive summer instruction and personalized tutoring, paired with college resources and advising. By Fall of 2022, the number of STEM majors at COM had increased by 55, an 18.6% increase over the previous fall numbers.

The percentage of COM students applying for financial aid has increased from a baseline of 54% to 67%. Efforts include inviting students to attend workshops presented by local financial institutions, classroom presentations, and one-on-one sessions on financial aid and financial literacy education. Outreach presentations were held at Blocker Middle School 21st Century program for the residents of Texas City, Friendswood ISD, and Dickinson Continuation Education Center. Overall, we were able to host 18 financial literacy sessions with a total of 602 participants and 14 Financial Aid workshops with 145 participants.

3. What additional ways do you think the Education Department can support you in implementing the grant project?

We currently feel supported and appreciate the quick responses from our Program Officer and the abundance and variety of training coming from the Office of Education HSI Division.

7. Have you conducted any formative evaluation relating to your grant?

success can be reported in future APR years.

Yes 🗸 No		Yes	~	No
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8. If you have conducted any other program evaluation, assessment, or research related to the grant, please summarize your results.

Attached is the external evaluation completed by Dr. Tim Culver with Ruffalo Noel Levitz.

9. Please attach any evaluation results including formative evaluations, summative evaluations, journal articles, presentations, and publications relating to your grant projects. These documents may provide greater detail of your results, or items that you would like to highlight.

PASS_Eval_2021_22_Title_V_Year_2.pdf

Please indicate if the assessments were conducted by an evaluator hired specifically to monitor the grant, your institution's research office, or grant personnel (director, etc.).

Yes No

Section 2: Institutional Profile

Institutional Measures (GPRA indicators):

The Government Performance and Results Act of 1993 (GPRA) is a statute that requires all Federal agencies to manage their endeavors and corresponding results. Each agency states what it intends to accomplish, identifies the resources required, and periodically reports its progress to Congress. It is expected GPRA indicators will contribute to improvements in accountability for the expenditures of public funds, improve congressional decision-making through more objective information on the effectiveness of Federal programs, and promote a new government focus on results, service delivery, and customer satisfaction. As of 2017, the GPRA indicators for Title III, Title V, and Title VII grants within the Higher Education Act (HEA) are (1) Enrollment, (2) Retention, (3) Graduation, and (4) Fiscal Stability.

2A Institutional Measures (GPRA Indicators)

Complete the following table up through the current Reporting Period. Your "Total Fall Enrollment" and "Fall to Fall Retention %" should come from the Fall Census Data.

Grant Year Collection Year	Pre-Grant (2019-20)	Year 1 (2020-21)	Year 2 (2021-22)	Year 3 (2022-23)	Year 4 (2023-24)	Year 5 (2024-25)
Total Fall Enrollment	4,687	4,335	4,133			
Fall-to-Fall Retention %	58	57	68			
2-Year Graduation Rate (2-Year)	18	20	22			
4-Year Graduation Rate (2- & 4-Year)	37	37	38			

4-Year Graduation Rate	37	37	38					
(2- & 4-Year) 2B Institutional Leadership								
1. Have there been changes in institut	1. Have there been changes in institutional leadership (presidents, vice-presidents, provosts, etc.) or in the Grant Leadership (project director, activity director, etc.)?							
Yes No								
2. Have there been changes in grant l	eadership (pro	ject director, a	ctivity director,	etc.)?				
Yes No								
2C Accreditation								
1. Which is your institution's primary a	ccrediting age	ncy? [Please ch	eck only one]					
Middle States Commission on	Higher Educa	tion						
New England Association of So	chools and Col	leges, Commi	ssion on Instit	utions of High	ner Education			
The Higher Learning Commiss	ion of the Nor	th Central Ass	ociation of Co	lleges and Sch	nools			
Northwest Commission on Col	leges and Uni	versities						
Southern Association of Colleg	Southern Association of Colleges and Schools, Commission on Colleges							
Western Association of School	Western Association of Schools and Colleges Accrediting Commission for Community and Junior Colleges							
Western Association of Schools and Colleges Senior College and University Commission								
Other (please specify)								
Accreditation Changes								
1. Has the accreditation of your institution changed since you began the project (e.g., status changes or the addition of new programs)? (Include guidance around accreditation changes in user manual and FAQs).								
Yes No								

If yes, please explain in the space below.

Created a General Engineering degree program and an AAS Information Technology- Cloud Computing program option for students.

2D Audit

2D Audit
1. Institutions that expend \$750,000 worth of federal funds in one year must complete an audit annually pursuant to 2 CFR par 200, subpart F. Were you required to complete an audit pursuant to 2 CFR part 200, subpart F?
Yes No
2. If yes, has an audit pursuant to 2 CFR part 200, subpart F been completed?
Yes No
2a. If yes, were there any findings in the audit?
Yes No
2E Endowment
1. Do you have an Endowment Challenge Grant that has not matured?
Yes No
2. Are grant funds from this award being used for an endowment activity?
Yes No
3. Do you have an endowment activity on a previous award not matured?
Yes No

If yes to any of the above questions, you will be required to complete the FY 2023 Endowment Financial Report (OMB 1840-0564) by the deadline. The report is available on the EFRS tab in this system.

Section 3: Grant Project Status and Budget

3A Project Objectives

1. What is the overall goal of your grant?

Improve STEM Learning experience and Student Support Services.

2. What is the expected long-term impact of the grant project on the institution?

The expected long-term impact of the grant project on the institution is to increase academic options and enrollment for STEM students to include 4 new engineering degrees, and to increase support services surrounding STEM programs to increase retention and success rates.

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3B Grant Activities

Number of Grant Activities: 1

Grant Activity 1/1

Activity Description:

Improve STEM learning experience and Student Support Services.

Objective 1/2

Objective Description:

Objective 1: Improve STEM Learning experiences. Work has been completed toward this objective this year though the creation and purchase of several new Engineering labs, as well as improvements made to equipment and supplies students were using in our Biology labs. Additionally out STEM Success Coach has been working hard to identify barriers in our STEM students' paths and help them to be successful and to remain in the STEM field of their choice.

Objective Status: On schedule

Performance Measure 1/2

Performance Measure Description:

The number of declared Hispanic STEM majors will increase by three (3) percentage points annually, from 343 to 398. Anticipated number of STEM majors after year 2 will be 364.

Measure Type: Date Measured: Frequency Measured:

GPRA 11/01/2022 annually

Data Type: Raw Number	Target	Actual
○ Ratio	364.00	345.00

Performance Measure 2/2

Performance Measure Description:

Full time equivalent (FTE) enrollment will increase 5% annually, from a baseline of 3091 in Fall 2019. Anticipated FTE enrollment after year 2 will be 3408.

Measure Type: Date Measured: Frequency Measured:

Project 11/01/2022 annually

Data Type: Raw Number	Target	Actual
○ Ratio	3408.00	3074.00

Objective 2/2

Objective Description:

Improve STEM Student Support Services. Work has been completed towards this objective by our STEM Success Coach as well as out tutoring director and our STEM faculty. Students are being supported from enrollments through graduation, and each students is tracked and checked in with multiple times by our STEM Success Coach and our STEM advisor. As barriers are identified they are removed and grant funding is used to develop new processes and opportunities for student growth and development.

Objective Status: On schedule

Performance Measure 1/3

Performance Measure Description:

Fall-to-fall retention rates for Hispanic students will increase by one (1) percentage point annually, from 64% to 69%. After year 2, fall to fall retention rates should be at 66%.

Measure Type: Date Measured: Frequency Measured:

GPRA 11/01/2022 annually

Data Type: Raw Number

○ Ratio

Target	Actual
66.00	65.00

Performance Measure 2/3

Performance Measure Description:

Three-year graduation rates for Hispanic students will increase by three (3) percentage points overall, from 32% to 35%. After the secpnd year, we do not expect to see an increase (only expect increases in years 3, 4, and 5).

Measure Type: Date Measured: Frequency Measured:

GPRA 11/01/2022 annually

Data Type: Raw Number

○ Ratio

Target	Actual
32.00	29.00

Performance Measure 3/3

Performance Measure Description:

The number of students applying for ênancial aid will increase by one (1) percentage point annually, from 54% to 59%. After the second year, we expect a rate of 56%.

Measure Type: Date Measured: Frequency Measured:

Program 11/01/2022 annually

Data Type: Raw Number

○ Ratio

Target	Actual
56.00	67.00

3C Budget

Enter your budget. If you click the "changes" box, a text field will display within that section for you to enter a line item budget narrative explaining the changes

A	В	С	D	E	F	G	н		I		
Budget Category	Carryover Balance (Previous Year)	Actual Budget	Total Budget (B+C)	Expenditure	eNon- Federal Expenditur	Carryover Balance e(Current Year)(D-E)	Рe	rryover rcentage /D as %)	Ye Ac	ext ar's tual idget	Changes
Personnel	20,000.00	288,905.00	308,905.00	252,984.00	0.00	55,921.00		18.10		262,750.00	
Student Personnel	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	
Fringe Benefits	5,200.00	70,271.00	75,471.00	46,295.00	0.00	29,176.00		38.66		63,467.00	
Travel	29,600.00	23,000.00	52,600.00	20,064.00	0.00	32,536.00		61.86		23,000.00	
Equipment	62,075.00	69,145.00	131,220.00	53,781.00	0.00	77,439.00		59.01		69,643.00	Y
Money was	carried over ed to be car		pment that w	vas not purch 3 budget year							t
Supplies	100,039.00	61,539.00	161,578.00	150,019.00	0.00	11,559.00		7.15		48,500.00	
Contractua	0.00	40,000.00	40,000.00	22,017.00	0.00	17,983.00		44.96		76,500.00	~
A large con shown in th	tract (Sympli e next budge	•		within the bu	dget cycle thi	is year, but d	id r	enew in O	ctol	oer, so wi	ll be
Constructio	n _{0.00}	0.00	0.00	0.00	0.00	0.00		0.00		0.00	
Endowmen	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	
Other	0.00	47,140.00	47,140.00	8,378.00	0.00	38,762.00		82.23		56,140.00	
Total Direct Costs	216,914.00	600,000.00	816,914.00	553,538.00	0.00	263,376.00				600,000.00	
Indirect Costs	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	
Α	В	С	D	E	F	G	Н		I		
Budget Category	Carryover Balance (Previous Year)	Actual Budget	Total Budget (B+C)	Expenditure	eNon- Federal Expenditur	Carryover Balance e(Current Year)(D-E)	Рe	rryover rcentage /D as %)	Ye Ac	ext ar's tual idget	Changes
Total	\$216,914.00	\$600,000.00	\$816,914.00	\$553,538.00	\$0.00	\$263,376.00			\$600	0,000.00	

3D Summary Budget Narrative

Please explain budget changes, as needed, particularly the use of funds from cost savings, carryover funds and other expanded authorities changes to your budget. Provide an explanation if you are NOT expending funds at the expected rate. Describe any significant changes to your budget resulting from modifications of Grant activities.

1. Have all funds that were to be drawn down during this performance period been drawn down?
□ No ✓ Yes
2. Did you have any unexpended funds at the end of the performance period?
No ✓ Yes
If you did, explain why, provide the amount, and indicate how you plan to use the unexpended funds (carryover) ir the next budget period.
At the end of this performance period, the amount left in G5 was \$263,376. This amount includes approximately \$100k that was encumbered in supplies and equipment and later spent during the three months following the closing of the fiscal year. The remaining funds were carried over to be spent on the purchase of a piece of software to be used by the Petrochemical Process Technology (PTEC) department to train students on top industry standard machinery. This software has been requested by industry partners that employ many of our students post-graduation, and they have identified it as the best software package for teaching students how to use operator and diagnostic tools for their PTEC machinery. This carryover request was approved by our program officer.
3. Do you anticipate any changes in your budget for the next performance period that will require prior approval from the Department (as designated by EDGAR, 34 CFR 74.25 and 80.30, as applicable).
No Yes
4. Is this a cooperative arrangement grant?
No Yes
5. Many grantees include community partners, other institutions of higher education, and secondary schools in the work. Please complete the table below (if applicable) with information related to any partners that you might be working with on your grant. Also describe if and how these partners roles have changed, and whether this had any impact on your ability to achieve your approved project objectives and/or grant activities.
6. Do you wish to make any changes in the grant's activities for the next budget period?
No Yes
7A. Were there any changes to key personnel during this reporting period?
No Yes
8. Have you met your goals and objectives as outlined in your approved activities for this reporting period?
No Yes Partially
If "no" or "partially" please explain: We have met all of our goals as far as our activities were outlined, but did not meet several of our measurable targets

We have met all of our goals as far as our activities were outlined, but did not meet several of our measurable targets as outlined in our objectives. We attribute missing these targets to the drops we saw during Covid in enrollment, because while we are still seeing the gains in our numbers that we predicted we would see through our grant activities, our baselines dropped tremendously during the year that Ccovid hit, causing our outcomes to not meet our initial target numbers which were based on pre-Covid baselines.

9. Provide any other appropriate information about the status of your project including any unanticipated outcomes or benefits from your project in the space below:

We have found that our focus on STEM in this grant has led to new community partners and new programming we were not expecting, including new internships opportunities and new program initiatives we otherwise may not have been a part of. Adding our new Engineering programs as options for our students has opened discussions with businesses interested in other Engineering degrees and certificates. Additionally, we have strengthened the relationships with our area high schools by being able to host more STEM related programming on campus and support their STEM programming with our own student outreach volunteers.

Section 4: LAAs

LAAs

Grant Activity	LAAs	Total Dollars Spent
Grant Activity 1: Improve STEM learning experience and Student Support Services.	Purchase, rental, or lease of scientific or laboratory equipment for educational purposes, including instructional and research purposes. Dollars Spent: \$221,800.00	\$572,120.00
	Tutoring, counseling, and student service programs designed to improve academic success. Dollars Spent: \$337,320.00 Creating or improving facilities for less read or income.	
	 Creating or improving facilities for Internet or other distance learning academic instruction capabilities, including purchase or rental of telecommunications technology equipment or services. <u>Dollars Spent:</u> \$8,000.00 	
	Providing education, counseling services, or financial information designed to improve the financial literacy and economic literacy of students or the students' families with regard to indebtedness and student assistance programs under subchapter IV. Dollars Spent: \$5,000.00	
Total Dollars Spent on All Activities		\$572,120.00

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Section 5: Institutionalization

Grant Activity 1

Improve STEM learning experience and Student Support Services.

Financial Cost (\$)

0.00

Approved Line Items

Nothing during year 2

Institutionalization Plan

The college plans to institutionalize and absorb costs for personnel listed on the grant (Engineering Curriculum faculty, STEM Success Coach, Financial Literacy Peer Educators, Tutors) beginning in year 3 (moving from 100% to 75% funded, and then 25% less each year until the college is funding 100%). Summer Bridge intends to be institutionalized and broadened to include more college resources as the program grows in participant number and length of program.

2. In the space provided below please explain any notable experiences you have had in institutionalizing this project. Please list any considerable challenges, successes, or failures.

After the second year of this grant, College of the Mainland has new Engineering majors as well as new Engineering laboratories and completed curriculum for both new majors, with a third majors' curriculum well on its way. Challenges this year included a delay in the build out of several STEM labs creating a delay in spending on some of the equipment and supplies, but those labs are now completed and spending is catching up.

3. Has the grant facilitated or contributed to bringing additional resources to your institution, for example, new Federal, State, or local dollars that can be attributed partly to your grant activities? Please explain.

Facilitation of the Title V grant activity has the potential to provide additional funding the through the Texas legislated Success Point model. The underlying premise of the Texas Success Point model is student success at community colleges should not be deemed solely by end point event (e.g., degrees and transfer); but rather, as community college receive funding for intermediate steps, such as completion of developmental work and first college-level coursework that mark student success at community college. As the grant increases student success rates in gateway Math courses, as well as student retention and graduation rates, the college receives additional success points which translates to additional funding from the state.

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Certification

You do NOT need to send a signed certification form to ED or upload a signed certification form.

1. Reporting Period

10/1/2021 to 09/30/2022

2. PR Award Number

P031S200014

3. Project Title

Pathways Accelerating STEM Success (PASS)

4. Recipient Information

Name: College of the Mainland

Address: 1200 AMBURN RD, TEXAS CITY, TEXAS 77591

5. Contact Information

Name: Deborah Fregia Title: Title V Director Phone: (409)-933-8801 Ext: Email: dfregia@com.edu

6. Authorized Representative

(The Institution's President or someone with the institutional authority to sign off on federally sponsored agreements) **To the best of my knowledge and belief, all data in this performance report are true and correct.**

Name Email

Dr. Warren Nichols wnichols@com.edu

Phone Date

(409)-933-8271 03/09/2023

Report Submitted

This report was submitted by Dr. Warren Nichols on 03/09/2023.

If you have additional questions, or need to make changes, please contact the Help Desk or your Program Officer.

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