

**Prepared Testimony of
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Pasadena, Texas**

**House Energy and Commerce Committee
Subcommittee on Energy and Power**

Hearing: “State of the Nation’s Energy Infrastructure”

February 27, 2018

Chairman Upton, Ranking Member Rush, and Members of the Subcommittee, Chancellor Brenda Hellyer of the San Jacinto Community College District, located in Pasadena, Texas is pleased to present this testimony to you regarding the nation’s energy infrastructure and the role that community colleges, and San Jacinto College specifically, plays in contributing to the workforce needs related to it.

Describing San Jacinto College

Surrounded by monuments of history, industry and maritime enterprises of today, and the space age of tomorrow, San Jacinto College has been serving the citizens of East Harris County, Texas, since 1961. The College District incorporates the cities of Houston (east side), Pasadena, La Porte, Deer Park, Galena Park, Jacinto City, Channelview, Shoreacres, Morgan’s Point, South Houston, Seabrook, El Lago, Taylor Lake Village, Nassau Bay, Webster, and portions of Humble and Pearland. A fiscally sound institution, the College currently holds bond ratings of AA and Aa2 by Standard & Poor’s and Moody’s, respectively. San Jacinto College was awarded the 2017 Aspen Prize Rising Star Award for Community College Excellence, making it a top five community college in the country out of 1,108 community and technical colleges. Approximately 45,000 credit and non-credit students each year benefit from a support system that maps out a pathway for success. More than three fourths of the students who attend San

Jacinto College do so part-time while working, and / or raising a family. More than 85 percent of the students intend to achieve an associate degree, or general academic credits, and either transfer to a university, or move directly into the workforce, or improve their job skills. Five percent attend for other reasons such as personal enrichment.

San Jacinto College is diverse and has been designated as a Hispanic Serving Institution. The ethnicity of the College student body is 56.9 percent Hispanic, 23.5 percent Caucasian, 10.1 percent African American, 5.6 percent Asian, and 2 percent other or did not report. The remaining 1.9 percent of the enrollment is comprised of international students.

The average age of the San Jacinto College student body is 23 years old, down from 26 years old 10 years ago. This is due to enrollment growth in the area of dual credit, a classification for high school students who are concurrently enrolled in high school and college courses. The College collaborates with eight early college high school programs, designed so that high school students in the region may take College courses on campus while in high school. This program enables participants to earn an associate's degree while earning their high school diploma. Additionally, The College works with 11 area school districts to offer dual credit programs, separate from the early college high schools. The College offers eight career pathways that prepare students to transfer to a four-year college or university or directly enter the workforce with the skills needed to support the growing industries along the Texas Gulf Coast. San Jacinto College graduates contribute nearly \$690 million each year to the Texas workforce.

San Jacinto College is focused on student success and making college education affordable and attainable to the citizens in our service area. Some relevant points include:

- 167.4 percent increase in the number of degrees and certificates awarded since 2007
- 30,941 credentials awarded over the last five years
- Ranked as the #6 community college for Hispanic students by *Hispanic Outlook on Education Magazine*
- Process technology program is ranked #1 by Texas Association of College Technical Educators
- The only maritime technology associate degree in the State of Texas
- Ranked 15th overall by the Brookings Institute for the number of degrees and certificates awarded
- Ranked in the top 5 of all community and technical colleges for excellence by the Aspen Institute for Community College Excellence
- Open Educational Resources – have saved students \$1.2 million over the last year in textbook costs.

San Jacinto College is one of nine community colleges serving the Gulf Coast region. The College's service area, defined by Texas legislation, incorporates the Houston Ship Channel; home to the nation's largest petrochemical complex, which is expected to surpass Rotterdam in production by 2020, thus becoming the largest in the world. The area also includes the NASA-Johnson Space Center and Port Houston, the first ranked U.S. port in foreign tonnage. The Gulf Coast region also hosts one of the largest medical centers in the world, the Texas Medical

Center. Currently, there are 11 health care facilities along the I-45 corridor on the south side of Houston.

In Texas, community colleges fund buildings by requesting permission from taxpayers to issue tax-backed bonds to build and renovate college facilities. San Jacinto College is currently in a building program after successfully passing a \$425 million bond referendum by 68 percent in 2015. The last bond referendum of \$295 million was passed in 2008. With these building projects, the College continues to update facilities, some of which are 50 to 55 years old, to meet the educational needs of today's students. San Jacinto College is also partnering with petrochemical and maritime companies, and the NASA-Johnson Space Center to create facilities that specifically meet the workforce needs of the community.

San Jacinto College's Maritime Training and Technology Center opened in 2016 as a premier maritime training center on the Gulf Coast. Both the maritime program and the new facility were created and constructed at the request of the maritime industry. Port Houston and the businesses directly supporting and working on the Houston ship channel saw that the state and federal maritime academies trained the unlimited tonnage officers for commercial sailing as well as Military Sealift Command. However, the lack of entry-level workers, 100 and 200-ton masters, and engineers created a gap in the workforce. Maritime industry partners along the Houston Ship Channel requested workforce training assistance to build a pipeline of workers due to pending retirements for tugs, push-boats, and barges.

Similarly, the first project in the 2015 bond referendum building program is a Center for Petrochemical, Energy, and Technology. The 145,000-square foot facility is being constructed in partnership with the nearly 130 chemical plants within the 10-mile radius of the facility. As the College was forming plans for this facility, the Chancellor created the Chancellor's Petrochemical Advisory Council with a membership of nearly 20 plant managers and major construction contractors in the area. This Advisory Council provides input on the curriculum, equipment, and image of the industry in the aesthetics of the building. The facility is scheduled to open in Fall 2019. This is a facility created to replicate a day in the life of an operator in the industry; it was designed by industry for industry.

In both projects, industry did more than just advise and counsel. They also contributed funding through millions of dollars of equipment donations, monetary donations to the facilities and scholarships; and provided their valuable time to meet with faculty and College administration in all stages of the facilities development.

Understanding the Workforce Challenge

Throughout the Gulf Coast region, there are a number of economic development, education, businesses and municipalities working together to address the region's skills gap. The Houston region has experienced incredible growth over the last several years. Led by a resurgence in energy, petrochemicals, manufacturing, life sciences and construction, the region's economy has been widely acclaimed as one of opportunity. However, leaders from across the business community have identified one of the region's most pressing issues — finding qualified workers for good jobs.

Houston's skills gap has reached critical proportions among middle-skill jobs — those that require more education and training than a high school diploma but less than a four-year degree. Of Houston's 3.6 million jobs, 1.4 million — or approximately 40 percent — are considered middle-skill positions.

The Greater Houston Partnership formed a program called “UpSkill Houston.” This initiative pulls business and education leaders and partners together to identify and address the sectors of our region where workers are retiring, expansion is happening, and the workforce pipeline is not robust enough to fill existing and future jobs. The Greater Houston Partnership has identified seven industry sectors, widely considered drivers of the regional economy, that are experiencing steady expansion. The sectors are:

- Port and Maritime
- Industrial and Commercial Construction
- Health care
- Petrochemical
- Manufacturing
- Oil and Gas
- Utilities

Quick Facts about workforce in the region and across the nation:

- Beyond than the Houston area, 46 percent of U.S. employers report difficulty filling jobs.
- Of all U.S. jobs, 53 percent require some training beyond high school but less than a four-year college degree.

- By 2020, two out of every three jobs in the U.S. will require meaningful post-secondary education and training.
- Affordable natural gas and natural gas liquids have created a competitive advantage for U.S. chemical manufacturers leading to greater investment, industry growth and new jobs.
- According to the American Chemical Council, as of December 2017, 317 projects cumulatively valued at \$185 billion in capital investment have been announced.
- Much of the investment is geared toward export markets for chemical and plastics products.
- The American Chemical Council believes the \$185 billion in capital investments will lead to \$26 billion in permanent new federal, state and local tax revenues by 2025.
- 63 percent of the announced investment is by firms based outside the U.S.
- Middle-skill petrochemical jobs in Houston can pay a median wage of \$30.61 per hour.
- Starting salaries for middle-skills careers in the Gulf Coast region are as high as \$60,000 per year and have the potential to go higher with overtime.
- Houston area community colleges have experienced a 42 percent increase in the completion of degrees as well as credit-bearing and non-credit continuing education certificates for technical (workforce) programs since June 2014.
- The Houston Ship Channel is home to the nation's largest petrochemical complex, and second largest in the world, second only to Rotterdam. The American Chemical Council believes the Texas Gulf Coast will surpass Rotterdam production by 2020.
- The Economic Alliance Houston Port Region is tracking 28 projects (of the 317) totaling \$6.1 billion in capital investment in the upper Houston Ship Channel area.

- One out of every eight jobs in the Houston region is in health care.
- More than 7,000 new construction jobs open per year in Houston.
- Houston is the nation's 6th best city for engineers.
- Houston is ranked 2nd for maritime jobs in the United States.
- Houston is the 8th best metro area for STEM professionals.
- More than 145 languages are spoken in Houston.

Leveraging the Strength of Community Colleges in Energy Workforce Development

Community and technical colleges can help secure the talent pipeline for our nation's energy workforce. Energy sector jobs require well-trained, skilled technicians – yet, many of those workforce positions do not require a baccalaureate degree.

Two-year, public community and technical colleges offering robust and affordable programs in energy workforce training prepare students for workforce positions that are open today, and also serve as the “on-ramp” to further degrees.

Since taking office on January 20, 2017, President Donald J. Trump has identified an “America First Energy Plan” as a top White House priority. In order to advance that goal and grow the nation's energy infrastructure, a well educated, technically trained energy workforce is essential. San Jacinto College is uniquely positioned to produce a technically trained energy workforce in the Houston Port region, in collaboration with petrochemical and other energy industry partners. We partner with other colleges and universities along the Texas Gulf Coast, and throughout the

nation. All San Jacinto College energy workforce programs are designed based on energy industry input.

Community and technical colleges in the shale play regions of the United States also play an important role in oil and gas industry workforce development. This includes colleges in the Marcellus and Utica shale play areas of in the Appalachian Basin, the San Juan shale play in northern New Mexico, the Permian Basin shale play in western Texas, and the Bakken shale play in North Dakota, as examples. In each of these regions, colleges have used investments by government and industry to expand their capabilities to educate and train workers for upstream, midstream and downstream energy workforce positions.

During the 114th Congress significant progress was made in developing a new program of federal investments in energy industry workforce development. A House-Senate conference committee came to agreement on comprehensive energy modernization and workforce legislation, combining provisions developed by the House Energy and Commerce Committee and the Senate Energy and Natural Resources Committee. The North American Energy Security and Infrastructure Act (H.R. 8/S. 2012) nearly became law during the fourth quarter of 2016. That legislation would have authorized new investments in community and technical college energy workforce training “centers of excellence.” We encourage the enactment and funding of this key legislation.

It would be beneficial for American energy production if the Committee would work with the White House and the Department of Energy to focus on new opportunities for energy workforce

development and training, and consider harnessing the power of community and technical colleges in energy workforce development.

Addressing the Challenge are Community Colleges, America's Partner

San Jacinto College takes seriously its mission to ensure student success, create seamless transitions and enrich the quality of life in the communities it serves. To do this, San Jacinto College, like most community colleges, serves as a hub of collaboration. The College collaborates with its students, with K-12 educators and students, four-year colleges and universities, business and industry, economic development groups, municipalities and non-profits.

Partnering with Students: First, the College collaborates with its own students. The philosophy of the San Jacinto College Board of Trustees and reaching throughout the organization is the concept that when students succeed, the College succeeds. For that reason, San Jacinto College has gone through transformational change in the last 10 years. Initiatives that focus employees on a strategic plan with student success as the focal point vary, from performance-based differentiated compensation for employees to faculty-led open educational resources to reduce the cost of textbooks. The College has initiated several student success best practices such as prohibiting students from registering for a class after it has started; mandating student orientation before the student can register; requiring a learning frameworks course so students understand the time commitment, accountability, and ownership they must possess to succeed; and even creating welcome week activities that showcase resources in tutoring, student groups and other assistance available to foster student success.

The San Jacinto College Board of Trustees charged faculty with solving the problem of escalating book costs. The College entered into a grant to implement Open Educational Resources (OER). The faculty labeled the initiative “Open Books” and the program is catching on. From spring 2017 to spring 2018, the number of Open Books courses increased from 185 courses to 307 or by 923 percent. The number of students taking those courses to save on the cost of textbooks increased from 768 students to 7,166 or 833 percent. In this same time period, students saved more than \$1.2 million in textbook costs.

San Jacinto College also entered into a grant to evaluate financial aid distribution. In this grant, the College offered multiple disbursements of financial aid, similar to how one might receive a paycheck. After payment of the tuition, fees and books, the remaining aid is disbursed in multiple payments, rather than one payment after the 12th class day. The results included less student debt at the end of the semester and higher retention in the following term. In addition, the College offers financial literacy seminars and coaching for students receiving loans. This resulted in a three-year reduction in student loan default rates from 17.3 percent to 9.1 percent.

Finally, to ensure students complete their educational goals, the College maps out pathways to complete a degree or certificate. Mapping includes removing courses that will not transfer to a four-year degree or fit into the needs of the region’s workforce. This allows alignment between what in Texas is called “Endorsement Tracks” at K-12 institutions, and with the main transfer universities for students. The College implemented this work into the computer systems (Banner is the ERP) and called it “My San Jac GPS” so students understand their academic pathway and have a guided pathway system to get them there. Through this student success focused

transformation, the College has seen an increase of 167.4 percent in the number of degrees and certificates awarded since 2007. San Jacinto College has issued 30,941 credentials in the last five years.

Partnering with K-12 Education: Part of San Jacinto College's mission is to begin science, technology, engineering, and math (STEM); and maritime and petrochemical education outreach early, by partnering with industry and education institutions.

For seven years, the San Jacinto College maritime program has hosted the Maritime Youth Expo, most recently at the College's Maritime Campus. This event invites K-12 students for a day of interactive displays featuring equipment used in the industry, such as trucks, forklifts, cranes, response trailers, small boats and diving equipment. Past sponsors have included the Houston Pilots, the U.S. Coast Guard Auxiliary, Harris County Precinct 2 and Port Houston. The 2017 Maritime Youth Expo saw more than 400 K-12 student visitors.

The College established a STEM Council to increase awareness of education and career opportunities related to the STEM fields. Each year the STEM Council partners with colleges and universities, local and national organizations, and K-12 schools to bring science, technology, engineering and mathematics (STEM) to more people. This also provides San Jacinto College students opportunities to apply what they've learned in the classroom.

Outreach STEM events have exposed more than 18,000 pre-college age students to the world of STEM by partnering with MindTrekks from Michigan Technological University for a two-day

STEM festival that brings experiments to local elementary schools and the community, and invites students to serve as judges for local school science fairs. The festival is sponsored by numerous industry partners including Dow Chemical Company, INEOS, Chevron Phillips, Austin Industries, LyondellBasell and PetrochemWorks. Dow has also donated \$10,000 for San Jacinto College to create STEM kits for area schools that lost classrooms due to Hurricane Harvey.

The College hosts STEM Expos at its Central, North and South Campuses for Communities in Schools' Afterschool Centers on Education participants in addition to hosting the Pasadena Independent School District's annual regional science fair each year.

Due to collaborative efforts, San Jacinto College students have been accepted to prestigious university internship programs for undergraduate research. These include the Research Experience for Undergraduates (REU) program at Rice University, the University of Iowa's Continuing Umbrella of Research Experiences (CURE) program, and NASA.

The College invites special guest STEM speakers from industry and universities each semester to provide internship information and insight on trending topics to students. San Jacinto College faculty and students serve a large role in bringing robotics and virtual reality activities to the community and participating in research with the University of Houston-Clear Lake and assisting with the FIRST Robotics Competition Championship in Houston. The College will soon introduce a drone training course through the its Aerospace Academy.

To introduce K-12 students to the petrochemical industry, San Jacinto Colleges hosts the Energy Venture camp each summer for kids ages 12-15. Approaching its 10th year, the camp is sponsored by Shell and has hosted 1,600 students to date, many of whom attend free of charge due to the Shell sponsorship. The College also hosts Energize Your Destiny, sponsored by Shell, for high school and college women and serves as a sponsor for the Women in Industry conference through the Community College Petrochemical Initiative.

Partnering with business and industry: San Jacinto College collaborates with business and industry partners to ensure students are receiving the exact training they need to move into these middle-skills jobs. The College has established programs in nearly every industry sector addressed by the Greater Houston Partnership “UpSkill Houston” initiative. However, below are three specific industry sectors that are driving the East Harris County workforce need.

Petrochemical –

San Jacinto College's upcoming Center for Petrochemical, Energy, and Technology (CPET) will lead the way in training for a more advanced workforce to meet the growing demands of the industry. From a 2011 research study conducted by the East Harris County Manufacturer’s Association, it was determined that the petrochemical industry in our region needs approximately 11,000 skilled workers.

San Jacinto College has served as the training leader for the petrochemical, energy and technology workforce in the greater Houston area for more than 50 years. The College is a training hub to the largest petrochemical manufacturing complex in the United States, and

second largest in the world, with 90 industries and 130 plants – all within a 10-mile radius from the College’s Central Campus.

The College broke ground on the \$60 million Center for Petrochemical, Energy, and Technology in September 2017 with plans for completion in 2019. The College relies on industry partner feedback in many of its training programs, and invited leaders from the petrochemical industry, along with plant managers, to be a part of its Petrochemical Advisory Council. The Council is tasked with assessing the curriculum, equipment and planning for the Center. The technologically advanced Center will house skills labs in process technology, instrumentation and analyzer technology, and non-destructive testing and electrical technology; a craft training center; a control room; a process simulator lab; a glass pilot plant lab; an exterior glycol distillation unit; and corporate training and event space.

In October 2017, Jim Griffin joined San Jacinto College as associate vice chancellor / senior vice president for the petrochemical training division. In his new position, Griffin oversees the curriculum and instruction of the College’s petrochemical-related training programs, as well as the development of the Center for Petrochemical, Energy, and Technology. It was important to industry partners to invite someone of Griffin’s caliber and experience in plant leadership -- more than 30 years – to lead the College’s petrochemical training division.

Currently, more than 3,600 students train annually in multiple programs that support the petrochemical industry, including electrical technology, non-destructive training, instrumentation, analyzer technician, process technology and other craft trades. Each of the programs are experiencing increases in enrollment. The new facility will allow the College to expand capacity in these needed areas, create a “day in the life” environment so students

understand what the job entails, and will allow the College to focus on the continuing education of current workers in the craft trades. Each program will have a renewed focus on the safety culture, which is critical to the success of any industry. The facility will also expand laboratory capabilities to provide students with more hands-on training. Industry partners are requesting this so students will leave the program with a greater ability to problem solve.

As with the maritime program, industry partners are investing in the Center for Petrochemical, Energy, and Technology. In addition to working with the College on curriculum updates and career pathways, industry is also looking at what are called “externships,” where faculty members spend time at the plants to see new processes, new technology, and experience the same “day in the life” so that they may teach it to students. Already, several million dollars of donations – both monetary and in equipment -- have been given and pledged to the College. The equipment donations will ensure that students are training on the same equipment they will encounter when leaving the College with their degree. The monetary donations give naming opportunities in the Center to industry partners and further aligns the program with industry leaders.

The College has an apprenticeship partnership with Dow, in which Dow selects students for process operator and instrumentation apprenticeships. In the program’s first year, the students work about 10 hours per week in the plant while they attend classes at San Jacinto College full time. In the second year the work week is increased while class time decreases. At the end of the fourth year, students have completed an associate degree and have four years experience in their

skilled trade. The College will continue to seek these types of partnerships through internships or other apprenticeships.

Maritime –

The Port of Houston is a 25-mile-long complex of 150-plus private and public industrial terminals along the 52-mile-long Houston Ship Channel. Each year, more than 241 million tons of cargo move through the greater Port of Houston, carried by more than 8,200 vessels and 223,000 barges. The port is consistently ranked 1st in the United States in foreign waterborne tonnage; 1st in U.S. imports; 1st in U.S. export tonnage and 2nd in the U.S. in total tonnage. It is also the nation's leading breakbulk port, handling 41 percent of project cargo at Gulf Coast ports.

With this activity combined with a retiring workforce, San Jacinto College partnered with maritime businesses, starting with continuing education to offer U.S. Coast Guard-approved certified courses for mariners who were needing to maintain their maritime license or to train to move into the next level in their mariner pathway. In working with Port Houston and other maritime industry partners, the College was asked to develop a certificate and associate degree program. As vessels in the Port Houston region have become more advanced, businesses need a more skilled workforce that included training that emphasizes the soft skills of arriving to work on time, collaboration and team work, and consistently passing routine drug screenings. The College introduced the state of Texas's first associate degree in maritime transportation, housed in the 45,000-square foot Maritime Technology and Training Center that is prominently and strategically positioned on the Houston Ship Channel so as to best serve the mariners working in the industry.

The program currently offers more than 75 U.S. Coast Guard (USCG)-approved deck and engine courses ranging from entry-level training for new mariners, to management-level training for Unlimited Tonnage Master and Unlimited Horsepower Chief Engineers on the world's largest ships, and everything in between. The College has issued approximately 6,000 USCG certificates to professional mariners since the 2010-2011 academic year. The 60-credit hour associate degree program merges math, science and English classes with USCG-approved training allowing students to be more prepared for a maritime career. Currently, there are more than 70 students in the associate degree program which is in its fifth year of existence. To date, 38 students have graduated with an Associate of Applied Science in Maritime Transportation.

To ensure program success, the Houston Pilots donated a state-of-the-art full-mission bridge simulation system. The simulator houses a main vessel and also incorporates simulation of the bridge of a tug boat and a barge. The three simulators can interact as if they are working together on the waterways of our region. The simulation is realistic and has been used by the Houston Pilots and the Corps of Engineers to study the impacts of Hurricane Harvey along Port Houston. The College invested in an engine room simulator to satisfy new regulations that have been implemented for existing mariners. The engine room and bridge simulators are fully integrated to provide a realistic shipboard training experience.

The San Jacinto College Maritime Center is also equipped with a training pool, lifeboat, firefighting equipment and life rafts which are all used to reinforce learning by doing. All

students enrolled in the associate degree program are required to participate in at-sea internships working on commercial vessels to gain actual work experience in the maritime industry.

To further ensure success of the program, the College hired a consultant in RADM William Pickavance, Jr. (Ret. Navy). RADM Pickavance is a graduate of Texas A&M Galveston's Maritime Academy and had served as the Superintendent of the Academy. After getting the facility completed and partnerships in place, RADM Pickavance assisted with the hiring of John Stauffer (Ret. Army) who ran the Army's maritime program at Ft. Lee.

Health care –

The supply of nurses in Texas is low compared to national numbers, according to the Texas Department of State Health Services. Currently, more than 135,000 Texas nurses hold a Bachelor of Science in Nursing (BSN), accounting for about half of all licensed Registered Nurses (RN) in the state. Many of the nation's hospitals have moved – or are moving - to require that all nurse managers and nurse leaders hold baccalaureate or graduate degrees in nursing. They are also requiring that 80 percent of staff nurses hold a BSN. With the world's largest medical center in the heart of Houston, and expansion of hospitals on the southeast side of Houston where San Jacinto College is located, the need is evident.

In collaboration with hospital administrators in our region, the College listened to the needs being described and the focus of area hospitals to achieve the 80 percent threshold of all RNs holding a BSN.

San Jacinto College has a robust training program for many areas of health care and is known for its quality nursing program. To help meet this workforce need for the BSN, the College sought authorization from the Texas Legislature to offer bachelor degrees in nursing and applied technology. The authorization was created in Texas' 85th Legislative Session. Once the authorization was issued, this gave the College the go-ahead to start the application process and, if approved, seek accreditation from its regional accreditor to offer baccalaureate degree programs to address the workforce needs of the region.

The San Jacinto College Certified Nursing Assistant (CNA)-to-BSN pathway provides an entry level program that can lead to a Licensed Vocational Nurse (LVN) and RN progressing quickly through to the BSN program. Community college CNA-to-BSN pathways allow students to complete the core course work for the BSN at a lower cost, providing a more affordable option for meeting the BSN workforce need in Texas. It also allows students to earn a license and work while continually upgrading their licenses to stay current in the field. In many cases, the hospital will pay for the courses for the students.



Working with the Federal Government:

San Jacinto College is working with the federal government to provide workforce training through grants with federal agencies. Grants include:

- Department of Labor Ready to Work Grant. The H-1B Ready to Work Petrochem Grant program is designed to provide education, training, and job placement assistance in the occupations and industries for which employers are using H-1B visas to hire foreign

workers, and the related activities necessary to support such training. The program is intended to raise the technical skill levels of American workers so they can obtain or upgrade employment in high growth industries and occupations as well as help businesses reduce their use of skilled foreign professionals permitted to work in the U.S on a temporary basis under the H-1B visa program.

- Carl. D. Perkins grant. The Department of Education Carl D. Perkins grant program supports awarded applicants in educating students who enroll in CTE (Career and Technical Education) courses and programs in preparation for high-skill, high-wage, or high-demand occupations.
- Department of Labor Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant. The purpose of this Department of Labor grant is to use LINCS (Leveraging, Integrating, Networking and Coordinating Supplies) consortium to develop and deliver an innovative, latticed and laddered supply chain education and training program for entry and middle-level workers, enabling upward mobility from entry-level certifications all the way to the PhD with SCM specialization.
- National Science Foundation STEM Talent Expansion Program – Bridges to STEM grant. The purpose of the National Science Foundation (NSF) STEP (STEM Talent Expansion Program) project is to increase attainment of science, technology, engineering, and math (STEM) associate and baccalaureate degrees, as well as to facilitate and increase transfer of STEM students across institutions.

- Department of Education TRIO Upward Bound for Math and Science grant. The Upward Bound Math and Science program is designed to strengthen the math and science skills of participating students. The goal of the program is to help students recognize and develop their potential to excel in math and science and to encourage them to acquire postsecondary degrees in these areas, ultimately pursuing careers in the math and science profession. This grant is part of the federal TRIO programs that are federal outreach and student services programs designed to identify and provide services for individuals from disadvantaged backgrounds.
- Department of Education TRIO Upward Bound grant. The purpose of the Upward Bound program is to generate in program participants the skills and motivation necessary to complete a program of secondary education and to enter and succeed in a program of postsecondary education. This grant is part of the federal TRIO programs which are federal outreach and student services programs designed to identify and provide services for individuals from disadvantaged backgrounds.
- Department of Education TRIO Talent Search grant. The Talent Search program identifies and assists individuals from disadvantaged backgrounds who have the potential to succeed in higher education. The program provides academic, career and financial counseling to its participants, and encourages them to graduate from high school and continue on to complete their postsecondary education. This grant is part of the federal

TRIO programs, which are federal outreach and student services programs designed to identify and provide services for individuals from disadvantaged backgrounds.

To continue to meet the needs of East Harris County citizens, these grants are critical to provide the College with resources to meet the students in our area high schools. The majority of the school districts in the San Jacinto College District are minority majority, as is San Jacinto College. These programs provide access to a high-quality education, with industry support, and leads to the solution of the middle-skills gap in our region.

Another way in which San Jacinto College partners with the federal government is through the Department of Education Pell grant program. Roughly one-third of San Jacinto College students receive Pell grants to help pay for college expenses totaling just under \$30 million. Over the last five years, nearly 50,000 students have received PELL awards totaling more than \$155 million. San Jacinto College distributes financial aid like a paycheck and has seen significant decreases in its Return to Title IV requirement. In addition, financial counseling with students taking out loans has decreased the default rate from 16.8 percent to 9.1 percent. While the College is aware that there is still work to do, this is a definite step in the right direction.

In conclusion, San Jacinto College is working collaboratively in the Gulf Coast region to increase the number of students in workforce training and STEM education. Communities and businesses across the nation will benefit from continued partnership with the federal government through the funding of these important programs. These programs change the lives of constituents in the Gulf Coast region. They also benefit the diversity of workforce needs in every

region in the country where community colleges are working as hard as San Jacinto College to meet the needs of the communities they serve.

Energy Subcommittee Hearing: State of the Nation's Energy Infrastructure, Feb. 27, 2018
Summary of Testimony by Dr. Brenda Hellyer, Chancellor, San Jacinto College

Throughout the Gulf Coast region, there are a number of economic development agencies, schools, businesses and municipalities working together to address a critical skills gap. Houston's skills gap has reached unprecedented proportions among middle-skill jobs – those that require more education and training than a high school diploma, but less than a bachelor's degree. Of Houston's 3.6 million jobs, 1.4 million – or approximately 40 percent – are considered middle-skill positions.

America's community colleges are uniquely positioned to address these needs due to the nature of our shared mission. San Jacinto College, specifically, is located in an area of the country where energy and commerce are a part of the fabric of the local community. Situated near the heart of the petrochemical complex along the Houston Ship Channel, Port Houston; which serves as the transportation partner for energy production, and the NASA-Johnson Space Center, San Jacinto College is able to work collaboratively with industry in truly exceptional ways. Whether supporting NASA's efforts to help K-12 students understand the importance of science, technology, engineering, and math, commonly known as "STEM;" or engaging industry partners in the creation of curriculum, the College is making every effort to support its communities through active listening, collaboration and partnership.

However, this workforce gap cannot be addressed by one institution alone. Closing the gap will require that multiple entities begin working together to understand the needs and ensure that applicable, highly-sought after skills are being taught to students. Through these partnerships, we can create a talent pipeline to enable graduates to move into rewarding careers, and also provide industry with a knowledgeable workforce.

The attached testimony defines the region, the opportunities, and the challenges of addressing the skills gap. It also shows how San Jacinto College is bringing partners to the table to help address specific workforce needs, and to encourage the younger generations to become interested in and excited about STEM. The College is also working with colleagues throughout the nation to address workforce needs by region and to find ways to collaborate with the Federal Government to help meet those needs.

San Jacinto College believes it would be beneficial for the American energy industry to have the Committee on Energy and Commerce would work with the White House and the Departments of Energy, Labor, and Education to focus on new opportunities for energy workforce development, and consider harnessing the power of the nation's community and technical colleges. San Jacinto College, and other two-year public colleges, would support the development of legislation authorizing investments in community and technical college energy workforce training "centers of excellence."

GET TO KNOW SAN JACINTO COLLEGE



A 2017 Aspen Institute
Rising Star award recipient,
placing San Jacinto
College among the

**TOP 5
COMMUNITY
COLLEGES
IN THE
NATION**

out of more than 1,100
community colleges.

SAN JAC IS THE GULF COAST REGION'S LEADER IN HIGHER EDUCATION

- Awarded more than 5,000 degrees and certificates in each of the last three years, including 7,500 in 2016-2017
- The **ninth largest community college in Texas**, and **third largest in the Houston area**
- Ranked as the **#6 community college for Hispanics** in the U.S. (*Hispanic Outlook in Higher Education Magazine*, 2018)
- **Industry partnerships** to develop programs and facilities to best suit the employment pipeline in the Gulf Coast region
- **Process technology program** is ranked first by the Texas Association of College Technical Educators (TACTE) in 2016.
- **Ranked 15th in the nation** for value of a technical degree (*Brookings Institute*, 2015)
- Currently managing **43 grants totaling approximately \$29 million** for workforce training, STEM, scholarships and more



30,941 **CREDENTIALS
AWARDED LAST
FIVE ACADEMIC YEARS**

est.
1961

Located on the
east side of
HOUSTON,
the fourth
largest and the
most diverse
city in the
nation

4

CAMPUSES

A diverse
student body
representing
more than

60
COUNTRIES

TOP 10 DEGREES AND CERTIFICATES*

ACADEMIC YEARS 2013 – 2017 *INCLUDES ACADEMIC AND TECHNICAL AWARDS



6,454

General
Studies



2,681

Welding
Technology



2,358

Accounting and
General Business



1,691

Process
Technology



1,183

Engineering
Design Graphics



1,069

Cosmetology



1,029

Associate
Degree Nursing



1,024

Computer Science
and Information
Technology



817

Life Science
Associate



746

Nursing
Vocational

INCREASED THE NUMBER OF
DEGREES AND CERTIFICATES
AWARDED SINCE 2007 BY **167.4%**



IN 2016, SAN JACINTO COLLEGE
WAS RANKED AS

**ONE OF THE TOP 100
COMMUNITY COLLEGES
IN THE COUNTRY***

FOR THE NUMBER OF DEGREES AWARDED.

AMONG MORE THAN 1,100 TWO-YEAR
COLLEGES, SAN JAC IS RANKED

#2

IN GRANTING ASSOCIATE DEGREES IN
SCIENCE TECHNOLOGIES/TECHNICIANS.

*Community College Week Top 100

- A federally designated **Hispanic-serving** institution
- **Record-setting dual credit and early college high school program**, with more than 4,300 students enrolled in 2017, with students receiving their associate degrees before earning a high school diploma
- **Accredited** by the Southern Association of Colleges and Schools Commission on Colleges

**NAMED A MILITARY
FRIENDLY INSTITUTION
SEVEN TIMES BY
VICTORY MEDIA, INC.**

- Over 8,000 people annually receiving **short-term technical training** through the Continuing and Professional Development (CPD) division
- STEM outreach and hands-on service learning activities that **reached out to more than 7,000 pre-college age students** in 2017
- **Dr. Brenda Hellyer**, Chancellor, appointed to the **Pathways in Technology Early College High School (P-TECH) Advisory Council**
- **Matt Lewis**, math professor, named the 2017 **American Association of Community Colleges Western Region Faculty Member of the Year**

**AN OPEN EDUCATION RESOURCE
DEGREE (OPEN BOOKS)
COMPRISED OF ALL DIGITAL
COURSE MATERIALS, SAVED
STUDENTS UP TO
40 PERCENT
ON THEIR EDUCATION COSTS.**

IN SPRING 2018, OPEN BOOKS
SAVED MORE THAN
\$1,000,000
IN TEXTBOOK COSTS.



30%

OF STUDENTS
RECEIVE SOME
FORM OF
FINANCIAL
AID



**MORE THAN
1,100
STUDENTS
ENROLLED
IN HONORS
PROGRAM**



**ACTIVE
STUDENT
GOVERNMENT
ASSOCIATIONS**



**MORE THAN
80
STUDENT
ORGANIZATIONS**



**ACTIVE
REC SPORTS
PROGRAM
WITH INDOOR
AND OUTDOOR
FACILITIES**



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The San Jacinto College District is committed to equal opportunity for all students, employees, and applicants without regard to race, creed, color, national origin, citizenship status, age, disability, pregnancy, religion, gender, sexual orientation, gender expression or identity, genetic information, marital status or veteran status in accordance with applicable federal and state laws. The following College official has been designated to handle inquiries regarding the College's non-discrimination policies: Vice President of Human Resources, 4620 Fairmont Pkwy., Pasadena, TX 77504; 281-991-2659; Sandra.Ramirez@sjcd.edu.

2017 REPORT TO THE COMMUNITY



 SAN JACINTO COLLEGE

Mission

Our mission is to ensure student success, create seamless transitions, and enrich the quality of life in the communities we serve.

Vision

San Jacinto College will be the leader in educational excellence and in the achievement of equity among diverse populations. We will empower students to achieve their goals, redefine their expectations, and encourage their exploration of new opportunities. Our passions are people, learning, innovation, and continuous improvement.

Values

The San Jacinto College 2017 Report to the Community concept was inspired by the College's values.

Collaboration

We Work Together. *We work together for the benefit of the college.*

Diversity

Celebrate the Differences. *We celebrate the diversity of ideas and cultures.*

Integrity

Ethical and Professional. *We act in ways which instill confidence and trust.*

Accountability

It's Up to Us. *We take responsibility for our commitments and outcomes.*

Student Success

Our Ultimate Measure. *We enable students to achieve their goals.*

Innovation

Lead the Way. *We apply our knowledge, skill, insight, and imagination to recognize opportunities, solve problems, and recommend new solutions.*

Excellence

In Everything We Do. *We achieve quality results in everything we do.*

Sense of Community

Caring for Those We Serve and Ourselves. *We demonstrate genuine concern for the well-being of our students, our community and ourselves.*



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San Jacinto College Board of Trustees



Mrs. Marie Flickinger
Chair



Mr. Dan Mims
Vice Chair



Mr. Keith Sinor
Secretary



Mrs. Erica Davis Rouse
Assistant Secretary



Mr. John Moon, Jr.
Member



Dr. Ruede Wheeler
Member



Mr. Larry Wilson
Member



A Message from the Chancellor

This has been a year for San Jacinto College and our students, faculty and staff to shine. I know I say it often, but I am truly humbled and honored to serve as Chancellor of San Jacinto College. The work that our faculty, staff, and administration undertake every day to put our students on pathways to rewarding careers is nothing short of remarkable.

The year started off with the announcement that the Aspen Institute awarded San Jacinto College with the Aspen Rising Star award, making us a top five community college in the country – out of more than 1,100 colleges. What an amazing accomplishment and a testament to the dedication of our entire community. This award is not something that we sought; rather, our number one goal is student success. Our people are committed every day to ensuring that our students complete what they start at San Jacinto College, and the Aspen award recognizes that dedication and commitment.

Over the summer, we learned that four of our students were selected to conduct cancer research at the University of Iowa. As part of the Continuing Umbrella of Research Experiences (CURE) program, these talented students received the opportunity of a lifetime to work alongside top-tier professors

and students from four-year universities for two months. Eight students in total were selected for the program, and half of them came from San Jacinto College! What an exciting opportunity this was for our faculty and students. I am so proud of how they represented our institution.

This fall, Professor Matt Lewis was named the 2017 William H. Meardy Faculty Member of the Year by the Association of Community College Trustees (ACCT). If you know Matt, you know he was very humbled by this recognition. But the work he is doing at San Jacinto College is raising the bar for community college education at the state and national level. He has taken an active leadership role in ensuring that San Jacinto College continues to keep student success at the forefront. He was one of several faculty members who developed the nationally recognized Acceleration in Mathematics (AIM) program and has helped design the College's SmartStart program, which is the result of re-thinking how we bring students into the College in pathways cohorts and prepare them to successfully complete their goals in accelerated timeframes while maintaining rigor in the classroom. Matt is quick to point out that these projects were led by a group of faculty and staff working together. Although he received the award, he makes the point that this

award is accepted on behalf of all of our faculty and staff who work tirelessly to develop new initiatives to help students meet their educational goals.

These are a few brief highlights from this year. There are many, and I hope you'll enjoy reading more about them in this year's *Report to the Community*. At San Jacinto College, we are guided by eight core values (see page 1 for a complete list of those values), and this year's *Report* is a reflection of each of those values.

Thank you for your continued support of San Jacinto College, our students, our faculty and our staff. Community colleges are making a difference in the lives of students not just here in our region, but around the state and country. And that is not more evident than right here at San Jacinto College.

Best,

A handwritten signature in blue ink that reads "Brenda Hellyer".

Brenda Hellyer, Ed.D.
Chancellor, San Jacinto College

2017 in Review

1 San Jacinto College names new Chief

Bruce Caldwell was named Chief of Police at San Jacinto College in January 2017, bringing with him more than 30 years of law enforcement and public safety experience.

Brighter Futures 3.0

The League for Innovation in the Community College announced a \$2.9 million grant from the Walmart Foundation to develop a three-part credentialing program for retail workers. San Jacinto College was one of 12 community colleges across the country selected in January 2017 to participate in the program, Brighter Futures 3.0.

2 Grambling State University transfer agreement

San Jacinto College signed a transfer agreement with Grambling State University in February 2017. This agreement guarantees admission to the university for any student who completes an Associate of Arts, an Associate of Arts in Teaching, an Associate of Science or an Associate of Science in Engineering Science with a cumulative GPA of 2.5 or greater.

T-TEN highest certification

Eleven binders, 10,000 pages and four years later, the San Jacinto College Toyota T-TEN achieved the highest certification possible in Chassis, Electrical, Engine, Drivetrain (CEED) through Toyota Motor Corporation in February 2017. T-TEN, which stands for the Technician Training & Education Network, acts as a partnership between Toyota Motor Corporation and community colleges.

Aspen Institute Top 5

The Aspen Institute for Community College Excellence named San Jacinto College as one of the top 5 community colleges in the nation, awarding the College a Rising Star award in March 2017. The announcement was made at a luncheon in Washington, D.C.

3 Judge Jo Ann Delgado visit

Judge Jo Ann Delgado, Harris County Justice of the Peace for Precinct 2, Place 1, paid a visit to San Jacinto College professor Dr. Nancy Liounis' Texas government class in March 2017. Delgado shared her personal story of her path to leadership in the Texas judicial system.

CHECHS 10th anniversary

Clear Horizons Early College High School (CHECHS) celebrated 10 years of educational excellence in March 2017, made possible through a partnership between Clear Creek Independent School District (CCISD) and San Jacinto College. The first of the College's four early college high school programs, CHECHS is housed on the San Jacinto College South Campus.

TIFA Educator of the Year

San Jacinto College speech professor Floyd McConnell was named the 2017 Texas Intercollegiate Forensics Association (TIFA) Educator of the Year in March 2017. The award honors excellence in speech and debate teaching and coaching among Texas universities and community colleges.

Process Tech takes home first in nation

San Jacinto College students captured first place at the 2017 North American Process Technology Alliance (NAPTA) Troubleshooting Competition. The competition hosted 35 teams from across the United States.

Frontier Set

San Jacinto College was chosen to join the Frontier Set in May 2017, a national initiative comprised of 31 educational institutions across the country, focused on improving student outcomes and better preparing new generations of students for the college experience. Among these 31 institutions, only 12 are community colleges and only three are from Texas.

Veteran Oral History Project submission

The United States Library of Congress Veterans History Project of the American Folklife Center accepted San Jacinto College's Veterans Oral History Project in May 2017. The project is a collection of veteran interviews from across the College district and community.

BAT/BSN degrees

Texas Gov. Greg Abbott signed SB 2118 in June 2017, allowing San Jacinto College to offer bachelor's degrees in nursing and applied technology, applied sciences upon approval by the Texas Higher Education Coordinating Board (THECB), and accreditation by the regional accreditor, the Southern Association of Colleges and Schools Commission on Colleges.

5 Rouse and Wheeler sworn in as Trustees

Mrs. Erica Davis Rouse and Dr. Ruede Wheeler were sworn in as San Jacinto College Trustees on Monday, June 5, 2017. Davis Rouse won an election for Position 1, while Wheeler was unopposed for Position 2 in the May election.

Stephen F. Austin State University transfer agreement

San Jacinto College and Stephen F. Austin State University (SFASU) approved an articulation agreement for Honors students in July 2017.

6 Center for Industrial Technology

San Jacinto College marked the grand opening of the new Center for Industrial Technology (CIT) on the College's North Campus in August 2017. More than 100 guests, including faculty and staff, elected officials, industry partners and community members, attended the event.

GFOA Award for financial reporting

For the 10th consecutive year, San Jacinto College was awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association (GFOA) of the United States and Canada in August 2017.

San Jacinto College Emergency Relief Fund

Within 24 hours of Hurricane Harvey's devastating aftermath, the San Jacinto College Foundation immediately went into action and launched the San Jacinto College Emergency Relief Fund in August 2017 to assist students and employees that were severely affected by the natural disaster.

Open Books

In September 2017, San Jacinto College's Open Books courses (open educational resource courses) launched College-wide, helping to meet the growing need for quality, peer-reviewed, affordable digital course materials for students due to constantly rising textbook costs. Since implementation, students have saved approximately \$500,000 in textbook costs.

7 National ACCT Faculty Award recipient

The Association of Community College Trustees (ACCT) named Matt Lewis, San Jacinto College qualitative research analyst, as its 2017 William H. Meardy Faculty Member Award recipient in September 2017. This follows just months after Lewis was awarded the Western Region Faculty Award from ACCT.

8 Center for Petrochemical, Energy, and Technology

What turned out to be the largest groundbreaking held at San Jacinto College also introduced construction of the largest petrochemical training facility in Texas. Elected officials and key industry leaders gathered in September 2017 to witness the groundbreaking for the Center for Petrochemical, Energy, and Technology, set to open in 2019.

Welcome Jim Griffin

Jim Griffin joined San Jacinto College as associate vice chancellor / senior vice president for the petrochemical training division in October 2017. In his new position, Griffin oversees the curriculum, instruction and industry partnerships of the College's petrochemical-related training programs, as well as the development of the upcoming Center for Petrochemical, Energy, and Technology.

P-TECH Advisory Council

San Jacinto College Chancellor Dr. Brenda Hellyer was appointed to the Pathways in Technology Early College High School (P-TECH) Advisory Council in November 2017, as announced by Texas Lt. Governor Dan Patrick. The council, made up of statewide education and industry leaders, will work to expand partnerships between school districts, higher education institutions and business employers.

INEOS Donation

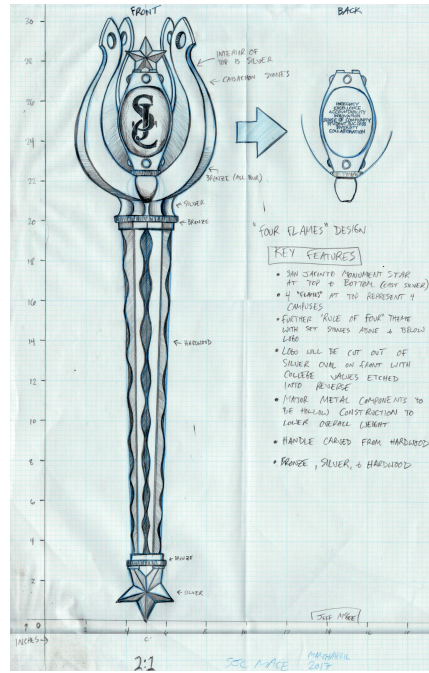
INEOS Olefins & Polymers USA (INEOS), a leading manufacturer of olefin and polyolefin products, donated \$250,000 in support of the San Jacinto College Center for Petrochemical, Energy, and Technology.



A MACE IN THE MAKING



The manipulation of the hand-wrought metal and wood construction reflects the grit, determination and flexibility needed to accomplish the goal of completing a degree or certificate at San Jacinto College. Symbolic elements such as the four-sided San Jacinto Monument Star remind us of our place in history, while the flame stands for the eternal search for knowledge and progress. This piece will be one of a kind, designed and built to the highest quality, and will stand out as a unique piece of San Jacinto College's future. I am very honored to be asked to create the new commencement mace for San Jacinto College, and I hope it mirrors the high caliber of education our institution provides.



Collaboration

STEM/ChemLuminary Finalist

When it comes to collaboration, the San Jacinto College STEM Council has it down to a science. Each year, the Council partners with universities, local and national organizations and K-12 schools to bring science, technology, engineering and mathematics (STEM) to more people and to give San Jacinto College students opportunities to apply what they've learned in the classroom.

For its work in bringing STEM education to more than 7,000 pre-college age students, San Jacinto College was honored among the top three institutions and organizations nationwide for the ChemLuminary Award for STEM Outreach. The College and STEM Council were recognized in Washington D.C. at the national meeting of the American Chemical Society, as well as the Greater Houston Section of the American Chemical Society awards banquet.

STEM outreach events at San Jacinto College have included partnering with Mind Trekkers for a two-day STEM festival, bringing experiments to local elementary schools and the community, and inviting students to serve as judges for local school science fairs. The College also hosts STEM Expos at the Central, North and South Campuses for Communities in Schools' *Afterschool Centers on Education* participants and hosts the Pasadena Independent School District's annual regional science fair each year. Special guest speakers from industry and universities are invited to the College each semester to provide internship information and insight on trending topics to students. San Jacinto College faculty and students also serve a large role in bringing robotics and virtual reality activities to

the community and participating in research with the University of Houston-Clear Lake and assisting with the FIRST Robotics Competition Championship in Houston.

STEM collaborative efforts in 2017 have resulted in San Jacinto College students being accepted for undergraduate research with the Research Experience for Undergraduates (REU) program at Rice University, the University of Iowa's Continuing Umbrella of Research Experiences (CURE) program and NASA. ●



American Chemical Society - Greater Houston Section

Outstanding Kids and Chemistry

Many of the hands-on activities in STEM service learning are led by chemistry student volunteers who teach pre-college age student participants. These activities also support the student learning outcomes and the general education outcomes of college chemistry courses. Therefore, STEM/Chemistry outreach is a win-win for both the community and students as they apply classroom concepts.

In 2016, STEM/Chemistry outreach served 7,000 pre-college students and families throughout the Greater Houston Section.

San Jacinto College hosted 12 on-campus STEM/Chemistry outreach events and one off-campus event.

More than 50 San Jacinto College faculty members and 600 students volunteered for STEM/Chemistry events in 2016.

Jan. 22, 2016
The Pasadena ISD Regional Secondary Science Fair/STEM Expo ~ 150 students, plus families. STEM Expo followed with 20 stations for STEM activities.

Feb. 2, 2016
San Jacinto College chemistry students serve as judges for the Inman Academy Science Fair.

Feb. 25, 2016
Approximately 20 hands-on science experimental stations for the Lomax Elementary School Family Night ~ 300 students and families.

March 10-11, 2016
Collaboration with Mind Trekkers of Michigan Tech University for a two-day STEM Expo at San Jacinto College ~ 5,000 attendees.

Summer 2016
Attendees from the three separate San Jacinto College robotics summer camps visit the College's chemistry labs over a three-day period to participate in hands-on experiments ~ 50 pre-college age students including 20 visiting students from China.

Oct. 3, 2016
Three STEM Expos at the Central, North and South Campuses in collaboration with Communities in Schools ~ approximately 30 stations at each expo.

Oct. 11, 2016
Early college ninth-graders visit labs for hands-on college level experiments alongside San Jacinto College students.

Nov. 10, 2016 and Nov. 12, 2016
Genia Elementary School fourth-graders visit geology, physics and chemistry labs for hands-on experiments alongside San Jacinto College students.

School Districts Served

- Pasadena ISD
- La Porte ISD
- Galena Park ISD
- Sheldon ISD
- Clear Creek ISD
- Clear Park ISD
- Channelview ISD
- Inman Academy
- Communities in Schools, Afterschool Centers on Education (ACE)

Inspired by Maria Wray, Chemist, Professor and Researcher

Special thanks to Dr. Bob Smith, Dr. Brenda Hall, Dr. Dr. Louise Williamson, Dr. Atlanta Harris and the San Jacinto College STEM Council

SAN JACINTO COLLEGE
An Equal Opportunity Institution

ChemLuminary poster presented in Washington, D.C.

Diversity

Commencement: A celebration across all generations

San Jacinto College Commencement Ceremonies are a family affair. Friends, siblings, parents and their children gather to walk across the stage each semester to receive college degrees and certificates and to begin the next chapters of their lives.

Mother/daughter duo Ruby and Rebekkah Aguilar “pushed each other every step of the way.”

“We’d keep each other off the phone and talk about how our day went at school,” said Rebekkah Aguilar. “We knew what each other was going through because we were both college students.”

Rebekkah Aguilar graduated with an associate degree in general studies with plans to transfer to a university. Ruby Aguilar graduated with her associate degree in medical laboratory technology with a job lined up at Bayshore Medical Center. She also graduated with her friend Khadija Tabiola, who received an associate degree in medical laboratory technology. Both women plan to earn their bachelor’s degrees at the University of Texas Medical Branch.

“This is my second degree from San Jacinto College,” said Tabiola, who commuted to her classes each day from her southwest Houston home. “I love San Jac. The staff and faculty understand what it’s like to go to college while also having a family.”

Steven Taff and his daughter Rian walked the commencement stage together. He received his associate degree in construction management, while she received her associate degree in paralegal studies. When Rian graduated from high school and started attending San Jacinto College, her father knew he had some unfinished business to pursue in college.

“My kids inspire me,” said Steven Taff. “I thought that maybe I was too old or just busy raising the kids but then I thought, ‘why not?’ I’ve been in construction for 25 years already, and this will reinforce my career and help me move up in the ranks of management.”

2017 also saw Juan Vargas graduate with his associate degree in engineering design graphics. His fellow family member on stage was his mother-in-law, San Jacinto College’s very own Dr. Brenda Hellyer. ●



Ruby and Rebekkah Aguilar



Integrity

Finding Purpose

Joining the United States Marine Corps at 18 years old was one of the best decisions Tara Dickerson says she ever made. As a third generation Marine and the second woman in her family to hold the honor, she served with an additional sense of pride continuing her family's legacy.

After Dickerson completed her service in 2016 as an aviation ordnanceman, she knew she wanted to begin pursuing her degree as soon as possible. However, she still wanted to ease into a college setting and felt that a community college could meet those needs. Once she knew that she and her husband would be moving to Houston, she began researching community colleges close to their area.

"I wanted to attend a community college because I'm still in that transition period coming from the military," said Dickerson. "I saw that San Jacinto College is a Military Friendly School and read a lot of great things other veterans had to say about the campus veteran centers. When I came to the South Campus and met with their veteran center coordinator, Ms. Uquay Baker, who is also a Marine, I knew this was the best choice for me. It's one thing to read about it, but to experience first-hand how welcoming and helpful the veteran center staff are speaks volumes, especially for veterans coming to the campus for the first time. I enjoy spending most of my time in between classes

studying or taking a break in the veteran center."

Dickerson is pursuing her degree in accounting, a career interest she says that came from helping others in one of the most stressful times each year – tax season. Having volunteered on base during tax season with the Volunteer Income Tax Assistance (VITA) program, Dickerson helped approximately 2,000 other military members complete and submit their tax returns. "After volunteering with VITA, I realized how useful an accounting degree would be. I plan to continue to volunteer with VITA because I really enjoy being able to help people with their taxes. I'm also looking into possibly working for the IRS one day."

She encourages other veterans to start on their educational pathways as soon as they can and to apply their military experience to completing their education and any career they are interested in. "Just get it done. The longer you put school off, the harder it will be to start. The military gave you a lot of tools and opportunities that you can apply toward anything. It's also good to keep in touch with your war buddies, rack mates, etc., especially when you're going through midterms and finals. It never hurts to have them in your corner giving you that extra motivation to do your best." ●

Accountability

Digital textbooks offer educational access and affordability

Today's college students often face the decision of buying a textbook or paying their light bill. As textbook prices continue to rise, college retention rates decrease. Textbook costs remain one of the largest barriers to student success and degree completion.

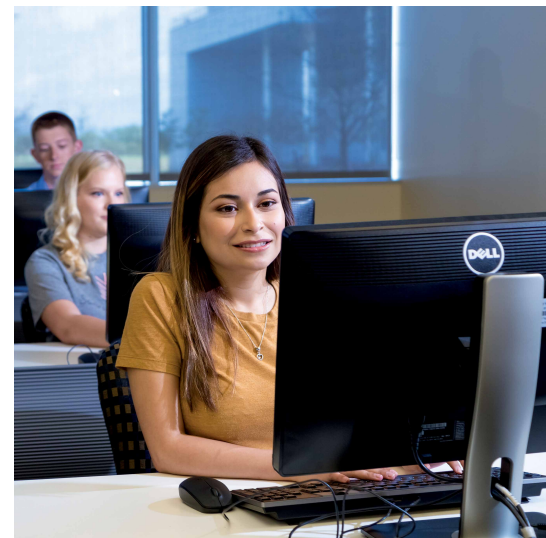
Since 1978, the U.S. Census Bureau estimates that college textbook prices have risen more than 800 percent. Within the last decade alone, textbook costs have increased by 73 percent – more than four times the rate of inflation.

In order to help eliminate this barrier, beginning in the fall 2017 semester, San Jacinto College began offering courses that used open educational resources (OER). Funded by a grant from Achieving the Dream, participating faculty are trained on how to access an array of OER course materials that feature peer-reviewed, open-licensed digital textbooks and materials from Lumen Learning. Open educational resources include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other digital course materials that faculty can use as is, repurpose or adapt to fit their specific course needs.

Along with providing more flexibility for faculty as they set the student learning outcomes for their

courses, OER course materials also allow faculty to have a direct impact on textbook costs and student success. Students enrolled in OER course sections will only incur a minimal technology fee for course materials, a savings of more than 96 percent compared to a \$300 textbook. And because these are digital course materials, students have access to everything prior to or on the first day of class, thus eliminating delays that students often experience working on assignments due to the inability to purchase the required textbook. This ultimately plays a significant role in increasing student success, retention and completion rates.

In spring 2017, the College implemented an OER pilot program that consisted of 687 students and 24 faculty teaching 33 OER course sections that saved those students approximately \$120,000 in textbook costs. After implementing OER course sections College-wide by fall 2017, there were 184 sections offered with 4,509 students enrolled in OER courses who saved nearly \$500,000. The College intends to dramatically increase the number of OER course offerings by spring 2020, estimating that students could save more than \$3.5 million. In addition to individual OER courses, students can now earn associate of arts degrees in general studies and business entirely through OER courses. ●





Evelyn Salas



Student Success

Audio engineering student achieves career slam dunk, reaches her dreams.

How long does it take a college graduate to land a dream job? Years? Decades? For Evelyn Salas, San Jacinto College audio engineering graduate, it was a short four months.

As an audio/visual technician and sound engineer for the Toyota Center and the Houston Rockets, Salas has the opportunity to be on the court and in the midst of the action every night with the likes of James Harden and Chris Paul.

“This is my dream job. It’s crazy to me that it’s happened so quickly,” Salas said. “It’s pure adrenaline, and you are right there on the court. I love seeing the crowd react to the music.”

It was Salas’s determination and networking skills as a student that brought her where she is now.

“When I was in school, I was already asking, ‘Who can I shadow? How can I get experience now?’,” Salas said. “I started working with Generations AV and interned with White Oak Music Hall and Revention Music Center.”

After earning her associate degree in audio engineering in May 2017, Salas was contacted by Scott Foulkrod, a fellow San Jacinto College alum and the director of media for the Toyota Center. The two met through San Jacinto College professor of audio engineering Lester Williams.

“Evelyn had been working all over the city, even as a student,” Williams said. “The job of coordinating the public address, music and sound effects is perhaps the most difficult and unnerving job I can imagine. I suggested Evelyn for the job because I’ve seen what she is capable of.”

What do you do when you’ve achieved your dreams so early in your career? You dream bigger.

“One day I would love to be a production manager,” Salas said. “Not just working with the sound department, but putting on the whole production. From stage operations, to the music, lights and video, I watch them at work and I am interested in the entire process. I never stop learning.” ●

Innovation

The Center for Petrochemical, Energy, and Technology: Opening 2019

San Jacinto College will debut its newest facility in 2019. Elected officials and key industry leaders gathered in September 2017 to break ground for the construction of the 145,000-square-foot Center for Petrochemical, Energy, and Technology. A \$60 million investment, the Center will be the largest petrochemical training facility in Texas and will serve to meet the workforce demands of the nation's largest petrochemical manufacturing complex.

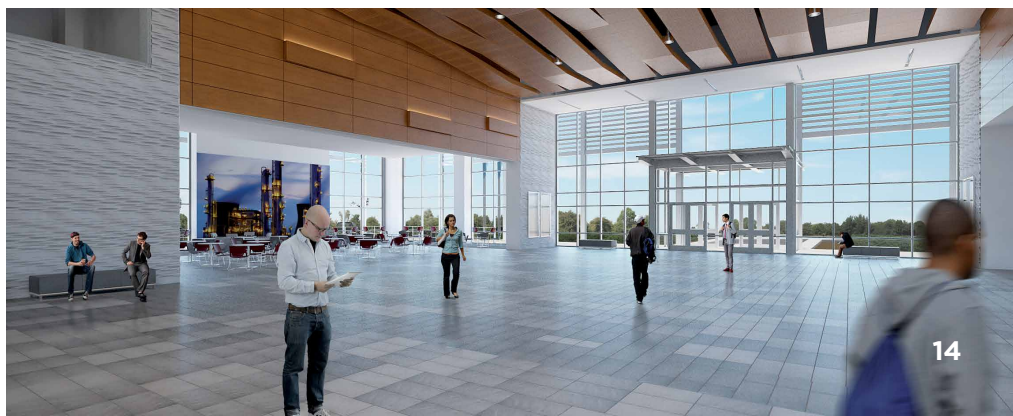
Plans for the Center for Petrochemical, Energy, and Technology were made possible with input by the Petrochemical Advisory Council, industry leaders and the faculty and staff of San Jacinto College. The East Harris County Manufacturers Association supported the 2015 bond to help fund the Center, and its members have pledged equipment and monetary donations toward the Center's development.

The Center for Petrochemical, Energy, and Technology at San Jacinto College will:

- House associate degree and certificate programs for process technology, instrumentation and analyzer technology, non-destructive testing and electrical technology
- Showcase an exterior glycol distillation unit and control room
- Present a multifunctional glass pilot lab
- Feature instrumentation/analyzer technology and non-destructive testing training labs
- Provide conference, training and assembly spaces designed to accommodate academic, community and industrial functions
- Highlight the most current industry-standard software, equipment and technology
- Include electrical power labs
- Feature process simulation training facilities
- Include corporate training and professional development facilities for the many aspects of the petrochemical manufacturing industry

A capital campaign to raise funds and create naming opportunities to demonstrate our partnership with industry along the Gulf Coast was kicked off earlier in the year. San Jacinto College received its first cash gift of \$250,000 from INEOS Olefins & Polymers USA (INEOS), a leading manufacturer of olefin and polyolefin products. The contribution will create the INEOS Olefins & Polymers USA Instrumentation Lab when the building opens in 2019.

Find out more information about the Center for Petrochemical, Energy, and Technology at sanjac.edu/cpet. ●



Excellence



American author Ralph Marston wrote that “Excellence is not a skill, it’s an attitude,” and it is an attitude that is palpable throughout San Jacinto College. Students, faculty and staff strive for excellence in everything they do.

That excellence was recognized in March 2017 by the Aspen Institute when it named San Jacinto College one of the top five community colleges in the nation as a Rising Star recipient. This recognition is because of the work that faculty and staff put in every day to make sure San Jacinto College students succeed.

In selecting San Jacinto College as an Aspen Prize Rising Star recipient, distinguished leaders in higher education evaluated the College’s efforts in several areas including completion and labor market outcomes. To ensure students achieve labor market success, San Jacinto College has aligned program learning outcomes to industry standards. The College monitors labor market trends and develops programs in partnership with local industry representatives, so that San Jacinto College students can complete a certificate or associate degree with the skills necessary to succeed in a high-demand career.

Over the last 11 years, San Jacinto College has increased the number of credentials awarded by 180 percent. During the 2016-17 academic year, San Jacinto College awarded 7,500 credentials. This increase is due to a laser focus on student success and the support students receive along their paths from when they first arrive at San Jacinto College through graduation.

San Jacinto College is a leader in higher education excellence, and as a result, is moving the needle in student success and completion. ●



Sense of Community

Within 24 hours of Hurricane Harvey's devastating aftermath, the San Jacinto College Foundation immediately went into action and launched the San Jacinto College Emergency Relief Fund. This fund was developed to assist students and employees that were severely affected by the natural disaster and to provide community members and other friends of the College a means to directly give back to the community they call home.

"We knew that many of our students and employees were in some of the most affected areas hit by Harvey and would be in dire need of recovery assistance," said Ruth Keenan, San Jacinto College Foundation executive director of advancement. "It is important for those of us who were minimally affected to make every effort to show we care and help reduce the financial barriers to successful completion for our students during this time of recovery. We are sincerely grateful to the support we continue to receive on behalf of our students and employees."



Donations began to come in from community members, Foundation donors and College employees. Within 72 hours of opening the applications for assistance, more than 900 applications were received from students and employees. Students who lost textbooks also had an additional resource with the help of Barnes & Noble through the San Jacinto College Emergency Relief Textbook Fund. Barnes & Noble provided up to \$250 per student who qualified for textbook assistance.

"No one could have anticipated the extent of damage caused by Hurricane Harvey," said San Jacinto College student and employee Jonathan Zapata. "Our cars were flooded, and we were stuck on the second floor of our home for days. I still do not have words for how appreciative I am for the assistance I received. My heart is warmed by the generosity of the Foundation and everyone who has donated. You are making a difference in my life and all of the others who have received aid."

Since October, the San Jacinto College Emergency Relief Fund has received more than \$177,000 in donations thanks to the continuous generosity of the College community. Approximately 97 employees received assistance, 255 students received disaster textbook relief funds and approximately 93 students received additional disaster emergency funds.

For more information on how to donate to the San Jacinto College Emergency Relief Fund, visit sanjac.edu/harvey-relief. ●



Hurricane Harvey, August 2017





Dr. Gerald Cobb

Meet Dr. Cobb

Dr. Gerald Cobb was named the 2017 Legacy Award recipient for his tireless work in supporting public and higher education. Cobb served as the first chair of the San Jacinto College Foundation board of directors and was instrumental in helping to raise more than \$1 million during the Foundation's early years.

He's a longtime supporter of San Jacinto College and helped to obtain the land to build the College's North Campus. He has also served as superintendent for Galena Park Independent School District (ISD), following his years as head basketball coach and assistant superintendent for the ISD.

"I don't know anything that has been more successful than the San Jacinto College Foundation," said Cobb. "I consider it one of the greatest honors I've had the opportunity to

participate in. The building of the North Campus brought a greatly needed source of higher education to the North Channel area."

As the valedictorian of his high school class, Cobb attended Baylor University on a basketball scholarship, where he earned both bachelor's and master's degrees. It is also where he met his future wife, Bobbi. The two were married for 62 years before she passed away. Cobb earned his education doctorate degree from the University of Houston. In addition to his education career, Cobb served as chief executive officer of Woodforest National Bank.

"Dr. Cobb has always said that when you have a passion, seek it out and never accept anything less," said Dr. Brenda Hellyer, San Jacinto College Chancellor. "It is my honor to recognize him with this year's Legacy Award." ●

San Jacinto College Foundation Top Donors for 2017

You are key to our success in helping students achieve their dream of an education!

Thank you

Gifts over \$100 received from individuals
from Jan. 1 - Dec. 31, 2017.

Samuel and Kayla Alix
Charles Anders
Nancy L. Anderson
Cathy Andrusick
LaVerne R. Apodaca
Amy Arrowood
Janis Bailey
Kelly Barnes
Nicole Barnes
Jill Barson-Gilbert
Thomas C. Bayman
Leonard A. Bedell
Veronica Benitez
Dixon Bennett
Sam Bertron
Craig Beskid
Pamela Betts
Danielle Bible
Julie Blacksmith
Brenda Blue
Marsha Bluestein
Randall J. Boeding
Karen Booren
Roy E. Bowling
Robert J. Bradshaw
Joseph and Leticia Brysch
Dan Buckalew
Mary Rose Burk
Kimberly Burns
Michelle Callaway
Dominic and Dorothy Cantalamessa
John and Debbie Cardenas
Dr. Ann Cartwright
Geoffrey A. Castro
Gerald Chapman
Sarah Ann Chaudhary
Emily Choate
Lawrence Claflin
Chad Clark
Kelly Cleaver
James M. Clepper
Dr. Gerald Cobb
Adam Coleman
Twila Ann Cooper
Michael L. Cornett
Steve Cowart
Stephen Cox
Kevin and Teri Crawford
Arnold and Wanda Davis Jr.

Dalton DeHart
Angela Deschner
Anita Dewease
Adrian Diaz
William Dickerson
Debra Dockens
William Dowell
Tom and Jennifer Downs
Marianne Duncanson
Lynwood and Janie Dunseith
Patricia Ehler
Connie Elliott
Kenneth English
Jay and Amanda Fenwick
Lauree Fernandez
David and Marie Flickinger
Kelly Folkerts
Paul and Marilyn Fowlé
Kent France
Ben Fraser
Wm A. Frazier
Hollie Fulsom
Martin Gabaldon
Geneveva Garcia
Senator Sylvia Garcia
Virginia Garner
Mark Gaspers
Steve and Martha Gillett
Shari L. Goldstein
George and Susana González
Paul Gordy
Lionel Gracia
Catherine Gragg
Charles and Gail Grant
Jay Grills
Dianna Grotenhuis
Daniel Guckenheimer
James and Pam Guthrie
Caroline Hackney
Christine M. Hammond
Raymond Harano
Dr. Allatia Harris Dickerson
Rusty and Dr. Brenda Hellyer
Cristian Hernandez
Dora Hernandez
Chris and Terry Hext
Shirley Hill
Trisha Hillman
Merrily Joy Hoffman

Jay Honeycutt
Phyllis Hooi
Dr. James Horton Jr.
Dr. Lonnie L. Howard
Kathryn Howard
Kimberly Hulsey
Renee Human
Francisco J. Mendoza
Charlotte Jackson
Mehr A. Jahangiri
Dr. Veronica Jammer
John L. Jenkins
Andrea Johnson
Robert N. Johnson
Bryan Jones
James Jones
Gordon and Ruth Keenan
Christopher C. Kraft Jr.
Malcom Kushner
Patricia L. Simpson
Ginger Lambert
William and Marjorie Laningham
Patrick and Tara Lashford
James Lea
Curtis Lenehan
Megan Lewis
Chet Lewis
Carl and Penny Lindsey
Robert Lloyd
Sharon Lopez
Garrick Louie
Pamela A. Maack
Robert L. Macrae
Judith Maima
Rajesh Mandya
Martin Martinez
John T. Maslonka
Gail Anne Mason
Edward and Barbara Matuszak
Vernon and Tammy McAdams
Richard McCay
Amber McCray
Rex McKanry
Avis McMillon
Ben and Janis Meador
Dan and Mary Mims
Dr. Kerry Mix
Todd and Terri Monette
Amy E. Moody

John Sr. and Rose Moon
John Jr. and Sheressa Moon
Dr. Ken Moore
Nick Morg
Dr. Wanda Munson
Dr. Maureen Murphy
Frank and Carmen Nadolney
Thac Nguyen
Opal Nichols
Joy Niday
Patricia Niday
Karen Norris
Dr. Catherine O'Brien
Dr. Alexander Okwanna
William and Debbie Palko
Rosalyn Parker
Jeffrey J. Parks
Michael and Amy Peters
Stephen L. Phelps
Bill and Dana Philibert
Brian Piana
Stanley Pinegar
Gary Pope
Kathy Pope
Dr. William and Katherine Raffetto
Sandra Ramirez
Jennifer Ramsey
Cathy Rau
Keith Richards
Dr. Lyn Robertson
Gabriel Rodriguez
Joan Rondot
Naomi Roots
Cheryl Rose
Vicki Russell Leathers
Walter Salyers
Brandon Sanders
Joseph Corey Schenck
Deanna Schmidt
Denise Segelquist
Lisa Severy
Vivian Sharit
Charles Siegel
Shawn Silman
Peter and Kelly Simons
Keith and Rae Sinor
Sharon K. Sledge
Deborah Smith
Deborah L. Smith

Peggy Snodgrass
Shannon Solis
Pravin Sonthalia
Ernest W. Speed Jr.
Don R. Spies
Patricia Steinke
Teresa Strickland
Jennifer Tate
Senator Larry Taylor
Johnnie and Almatha Taylor
Susan Temple
Rebecca Terry
Crystal Tewes
Nichole Ashley May Thalji
Ramona Thibodeaux
Robert and Johana Thomas
Lawrence D. Thomas
Chris Thompson
Joy Thompson-Grim
Penny Tipton
Kien Tran
Quyen Trieu
Stephen Trncak
Becky Turner
Ken and Lisa Unfried
Connie Valerius
Michael D. Varnell
Denelle Walker-Warner
Kerry Walsh
Tom and Susan Watson
Wayne Wauters
Bob and Carolyn Webbon
Richard Weider
Bill and Jackie Welch
Dr. B.J. Westbrook
Debbie Westmoreland
Dr. Ruede and Charlcya Wheeler
Barbara White
Niki Whiteside
Linda Whitfield
Dr. Christopher Wild
Marilyn Wilkins
Susan K. Williams
Dr. Laurel Williamson
Larry and Carol Wilson
Dennis and Kathy Winkler
Dr. Mary Wisgirda
Catherine M. Yendell
Jack and Cissy Yoes
Joseph Zwiercan

Thank you

Gifts over \$100 received from corporations/
foundations from Jan. 1 - Dec. 31, 2017.

ACR Engineering, Inc.
Air Products Foundation
Albemarle Foundation
Albert and Ethel Herzstein Charitable Foundation
American Legion Auxiliary Unit 521
Andrews Kurth, LLP
ASA Dally, Inc.
Aspen Institute for Community College Excellence
Astros Foundation
Austin Commercial
Bank of Texas
Barnes and Noble College Booksellers
Bay Area Houston Economic Partnership
Bay Area Republican Woman PAC
BSA Used Cars
Chevron Phillips Chemical Company
Clear Lake Area Chamber of Commerce
Coca-Cola
Community Hospital Foundation
Conservative Citizens Club PAC
Constellation
Continuing Education Association International
CoreXpand, LLC
Covestro
Daily Court Review
DBR Engineering Consultants, Inc.
Deer Park Family Dentistry

Dow Chemical
DuPont Bayport
Durotech
East Harris County Manufacturers Association (EHCMA)
Enterprise Holdings Foundation
Esponsor Now, Inc.
Faust Distributing
Ford Motor Company
Frank E. Nadolney Enterprises
Frost Bank
Furniture Marketing Group
Galena Park Independent School District
Gensler
GeoControl Systems, Inc.
George A. Davenport Charitable Fund
George and Mary Josephine Hamman Foundation
Goldman, Sachs & Co.
Great Western Valve
Greater Houston Community Foundation
Haworth
Hispanic Scholarship Chapter at San Jacinto College
Hold'Em & Hit'Em Club
Houston Chemical Association
Houston Livestock Show and Rodeo
Houston Pilots Foundation
Howl At The Moon
Huitt - Zollars

IBI Group
INEOS Olefins and Polymers USA
J.Peter and Associates
John P. McGovern Foundation
John S. Dunn Foundation
Kaneka Texas Corporation
Kinder Morgan Foundation
Kirksey Architecture
Kroger
LBC Tank Terminals
LCD Concepts
Leffie Mae Ramsey Estate
Lewis and Joan Lowenstein Foundation
Lifetouch National School Studios
Lincoln Electric
Lubrizol Foundation
LyondellBasell
McGriff, Seibels & Williams, Inc.
Meador Staffing Services
Mobil Steel International, Inc.
Mosher, Seifert & Company
National Junior College Athletic Association
Network Cabling Services, Inc.
Niday Funeral Home
Niday Public Storage, Inc.
Northshore Rotary Club Charitable Foundation
Olson for Congress Committee

OxyChem
Page
Pasadena Chamber of Commerce
Perry Homes
Popular Embroidery Design
Port Houston
Rick Tinker Insurance
R.J. Hellyer, Inc.
Scholarship America
Shell Federal Credit Union
Shell Oil Company
Shell Oil Company Foundation
Siemens Building Technologies, Inc.
Silver Eagle Distributors, L.P.
Sinor Family Trust
South Belt Graphics and Printing
South Main Baptist Church
State Farm Foundation
Steel Branding
Structure Tone Southwest, LLC
Tellepsen
Terracon Consultants
Texas Citizens Bank
North Channel Beta Sigma Phi
The Bill & Helen Crowder Foundation
The Houston Mariners Club, Inc.
The PVF Roundtable
The Rotary Club of Space Center
Thompson & Horton LLP
Thrivent Financial
TPC Group
Trecora Chemical
United Community Credit Union
Winston's Compounding Pharmacy and
Medical Supply

Thousands of students achieve their goals, earn their certificates or degrees, and become positive and productive leaders in our community through the assistance of the San Jacinto College Foundation. Founded in 1996 by community members of East Harris County, the Foundation's mission is to ensure that no one is denied a college education due to a lack of financial means. Over time, the Foundation has expanded its role to include a wide variety of programs and services.

Individuals, foundations and corporate partnerships assist in achieving this goal, but there is so much more to do. With your help, the Foundation can grow to meet the needs of more students in our community.

Give a scholarship. Support a veteran. Arrange a planned gift. Provide program funding. Make an annual donation. Join the alumni association. Volunteer.

Your tax deductible gift will change lives. Contact us at 281-998-6104 or go online at sanjac.edu/foundation.



San Jacinto College Foundation Board of Directors

San Jacinto College does everything possible to help students succeed in reaching their goals. The Foundation shares this mission and plays a vital role in fulfilling it. Often, the barrier standing in the way of a student's goal is money. The San Jacinto College Foundation exists to help remove that barrier. To donate to the San Jacinto College Foundation, call 281-998-6104 or visit sanjac.edu/foundation.

Leadership

San Jacinto College Strategic Leadership Team



Brenda Hellyer, B.S., C.P.A., M.B.A., Ed.D.
Chancellor

Laurel V. Williamson, B.A., M.A., Ph.D.
Deputy Chancellor and College President

Teri A. Crawford, A.S., B.S., M.B.A.
*Vice Chancellor, Marketing, Public Relations and
Government Affairs*

Allatia Harris, B.A., M.A., Ph.D.
*Vice Chancellor, Strategic Initiatives, Workforce
Development, Community Relations and Diversity*

Brenda Jones, A.A.S., B.A., M.S., Ph.D.
Provost, San Jacinto College

William Raffetto, B.S., M.S., Ed.D.
Provost, San Jacinto College

Rob Stanicic, B.Com., B.Tech, M.B.A.
Chief Information Officer

Stephen Trncak, B.S.
Vice Chancellor, Human Resources

Van A. Wigginton, B.S., M.P.A., J.D.
Provost, San Jacinto College

Teri Zamora, B.B.A., M.Acc.
Vice Chancellor, Fiscal Affairs

sanjac.edu/strategic-leadership-team

WHO WE SERVE

San Jacinto College serves the communities and citizens of East Harris County, Texas. In addition to portions of the Pearland and Humble Independent School Districts (ISDs), the San Jacinto College taxing district includes the Channelview, Deer Park, Galena Park, La Porte, Pasadena and Sheldon ISDs. The College's service area also incorporates the Harris county portion of Clear Creek ISD.

SAN JACINTO COLLEGE LOCATIONS

Administration Office
4624 Fairmont Parkway
Pasadena, Texas 77504

South Campus
13735 Beamer Road
Houston, Texas 77089

Central Campus
8060 Spencer Highway
Pasadena, Texas 77505

Maritime Campus
3700 Old Hwy. 146
La Porte, Texas 77571

North Campus
5800 Uvalde Road
Houston, Texas 77049

Online
sanjac.edu/online

CITIES IN THE SAN JACINTO COLLEGE DISTRICT

Galena Park
Jacinto City
Channelview
Humble (portions)
Shoreacres
Morgan's Point
La Porte
Houston
South Houston

Pasadena
Deer Park
Seabrook*
El Lago*
Taylor Lake Village*
Nassau Bay*
Webster*
Pearland**

**Cities in the service area only*
***Portions of Pearland are in the taxing district.*
The remainder is in the service area.

Quick Facts

30,509

STUDENTS COLLEGE-WIDE*

*Unduplicated College-wide: Cross campus enrolled students are only counted once for College-wide purposes.



FALL 2017 HEADCOUNT BY INTENT

19,028 (62.4%)
Associate Degree

7,091 (23.2%)
Earn Credits to Transfer

340 (1.1%)
Personal Enrichment

2,157 (7.1%)
Earn a Certificate

978 (3.2%)
Improve Job Skills

915 (3%)
Did Not Respond



FALL 2017 CAMPUS ENROLLMENT

14,438 (40.7%)
Central Campus

8,995 (25.4%)
North Campus

12,022 (33.9%)
South Campus



FALL 2017 STUDENT ATTENDANCE

7,081 (23.2%)
Full-time

23,428 (76.8%)
Part-time

TUITION AND FEES

General Service Fee is \$150. Based on 12 credit hours which does not include course specific fees, books and other expenses. Fees are effective fall 2017 semester.



IN DISTRICT

\$750 (\$50 per credit hour)



OUT-OF-DISTRICT

\$1,290 (\$95 per credit hour)



OUT-OF-STATE

\$2,070 (\$160 per credit hour)

FALL 2017 STUDENT CHARACTERISTICS

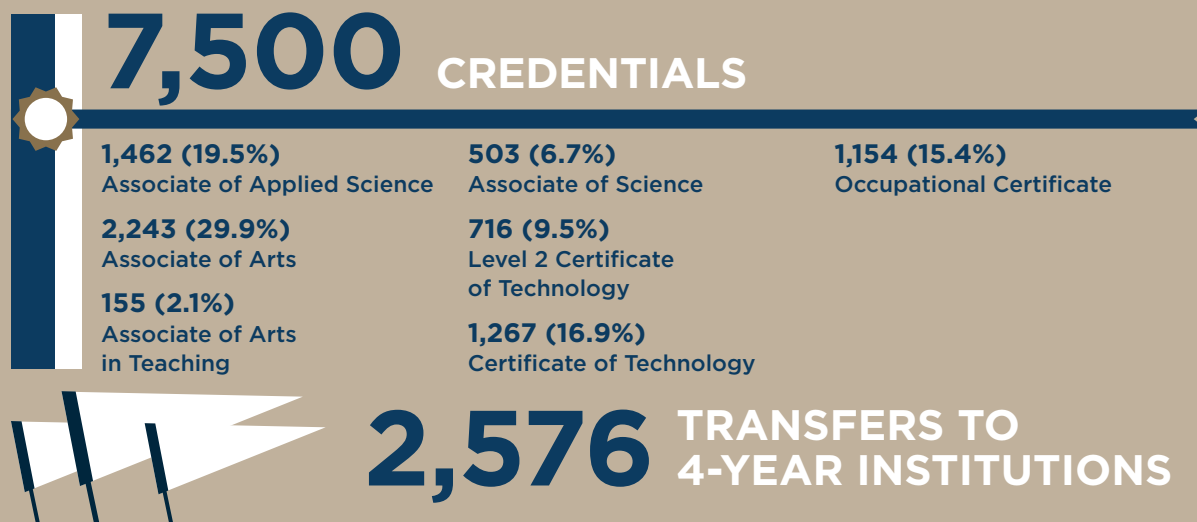
ETHNICITY

7,163 (23.5%) White or Caucasian	566 (1.9%) International	49 (0.2%) Native Hawaiian or other Pacific Islander
17,370 (56.9%) Hispanic or Latino Origin	3,081 (10.1%) Black or African American	376 (1.2%) Unknown or Not Reported
186 (0.6%) American Indian or Alaskan Native	1,718 (5.6%) Asian	

AGE

4,573 (15.0%) 17 & Under	9,736 (31.9%) 22-34	398 (1.3%) Over 50
13,736 (45.0%) 18-21	2,066 (6.8%) 35-49	AVERAGE AGE: 22.8

GRADUATES BY CREDENTIALS (FALL 2016-SUMMER 2017)



FACULTY AND PERSONNEL*

Administrators**	119
Faculty**	1,750
Full-time support staff	711

Total **2,580**

*Faculty duplicated College-wide **Includes deans and directors
***Full-time and part-time. Part-time numbers based on having
worked the last nine months.



21.6

AVERAGE CLASS SIZE*

26:1

STUDENT/FACULTY RATIO**

*Average class size is computed by summing all enrollments in all courses and dividing by the total number of courses. **Full-time and part-time faculty. The student-to-faculty ratio is computed as follows: total unduplicated student headcount divided by total unduplicated faculty who taught a course in the fall semester.

TOP 5 COMMUNITY COLLEGE IN THE NATION

The Aspen Institute
recognizes high achievement
and student success in
America's community
colleges.

San Jacinto College was
selected as a
Rising Star Award recipient
from more than 1,100
community colleges across
the country.

Financial Review

Financial Highlights: Assets, Liabilities and Net Position

The College's financial position in FY 2017 continues to remain strong with total assets of \$706 million, total liabilities of \$556 million, and total net position of \$164 million. Total net position decreased by 2.5 million in 2017, a 1.5 percent decrease. The following is prepared from the College's Statement of Net Position and provides a summary of its assets, liabilities and net position for the year ended Aug. 31, 2017 (amounts expressed in millions):

Assets & Deferred Outflows

Current assets	103.9
Capital assets, net of depreciation	431.9
Other current assets & deferred outflows	188.7
Total assets and deferred outflows	\$724.5

Liabilities & Deferred Inflows

Current liabilities	57.8
Noncurrent liabilities & deferred inflows	502.4
Total liabilities and deferred inflows	\$560.2

Net Position

Net investment in capital assets	124.3
Restricted - expendable	2.1
Unrestricted	37.9
Total net position	\$164.3

Revenues

Tuition and fees, net	44.1
Grants and contracts	12.1
Auxiliary, sales and other	6.1
State appropriations	44.5
Taxes, maintenance	64.8
Taxes, debt service	26.7
Federal revenue	40.8
Total revenues	\$239.1

Expenses

Instruction	72.7
Public service	6.3
Academic support	17.0
Student services	15.3
Institutional support	40.0
Maintenance	16.9
Scholarships	31.0
Depreciation	18.4
Interest, auxiliary and other	24.0
Total expenses	\$241.6

Decrease in net position * **(\$2.5)**

**The decrease includes \$18.4 million in depreciation, which is a non-cash transaction.*

The following is an overview of the College's financial operations for the fiscal year ended August 31, 2017 (FY 2017). Most of the information contained within this Report to the Community is extracted from the financial information contained within the FY 2017 Comprehensive Annual Financial Report (CAFR). The CAFR is a more detailed and complete financial presentation prepared in conformance with Generally Accepted Accounting Principles (GAAP) and was audited by the College's independent auditors, which resulted in the College receiving an unmodified opinion. An unmodified opinion is given when an auditor can state that the financial statements are accurately and fairly presented in all material respects. The College's CAFR is available on the College's website at sanjac.edu/annual-financial-reports.



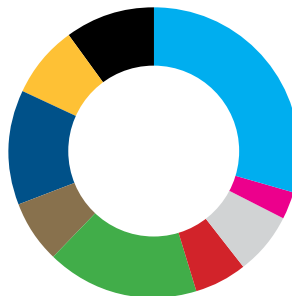
Operating Revenues

Tuition and fees, net	18%
Grants and contracts	5%
Auxiliary, sales and other	3%
State appropriations	19%
Taxes (total)	38%
Federal revenue	17%



Operating Expenses

Instruction	30%
Public service	3%
Academic support	7%
Student services	6%
Institutional support	16%
Maintenance	7%
Scholarships	13%
Depreciation	8%
Interest, auxiliary and other	10%



**Percentages are rounded to nearest whole number.*

Bond Ratings

At Aug. 31, 2017, the College's credit ratings have been affirmed as follows:

	Moody's Investor's Service (1)	Standard & Poor's (2)
General Obligation Bonds	Aa2	AA
Maintenance and Tax Notes	Aa2	AA
Revenue Bonds	Aa3	Not Rated

1. Moody's affirmed the General Obligation Bonds, Maintenance Tax Notes, and Revenue Bonds rating on August 10, 2016.
2. Standard & Poor's affirmed the General Obligation Bonds and Maintenance Tax Notes rating on August 15, 2016.



2017 Year on Social Media



Facebook

- 20,661 total fans over previous year
- 47.7% increase in total engagements over previous year
- Number of posts sent increased by 46.6% over previous year

Instagram

- 19.1% increase in total followers
- The total number of engagements increased by 120.9% over previous year
- The number of engagements per media increased by 130.4% over previous year
- Most used hashtags: #sjcsp17, #sjcf17, #sanjaccollege
- Top Instagram influencers engaged: @sciencepurely, @cowboygram

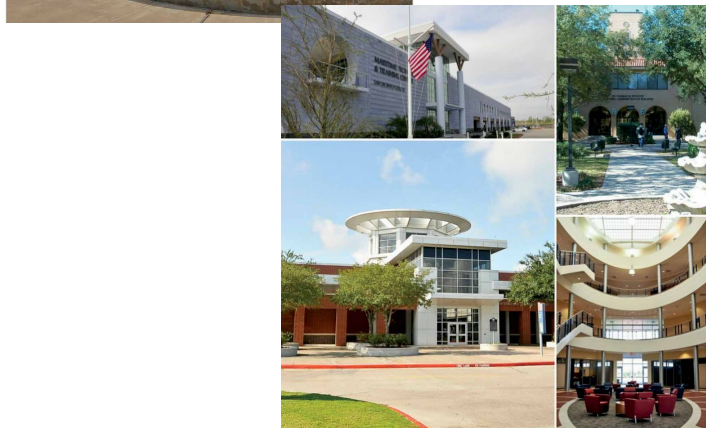
Twitter

- 17.9% increase in followers over previous year
- 317% increase in the total number of impressions over previous year
- 46.9% increase in total number of engagements over previous year

San Jac Live

We will always remember 2017 as the year live video took over our social platforms. Facebook was the major player, and we streamed everything from the commencement festivities to interviews with our nationally ranked sports teams, and more than a few campus activities. On Instagram, we gave engaging behind-the-scenes glimpses of campus life with Instagram Stories. Campus geostickers were quite popular because it gave students a chance to show off their unique San Jac life. We're savvy about showing our San Jacinto College pride around the net, and we love to brag about the fantastic opportunities our students secure for themselves.





ACCREDITATION STATEMENT

The San Jacinto Community College District is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the associate degree. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the San Jacinto Community College District.

EQUAL OPPORTUNITY STATEMENT

The San Jacinto College District is committed to equal employment opportunity for all employees and applicants without regard to race, creed, color, national origin, citizenship status, age, disability, pregnancy, religion, gender, sexual orientation, gender expression or identity, genetic information, marital status or veteran status in accordance with applicable federal and state laws. No person including students, faculty, staff, part-time and temporary workers will be excluded from participation in, denied the benefits of or be subjected to discrimination or harassment under any program or activity sponsored or conducted by the San Jacinto College District on the basis of the categories listed.

The following College officials have been designated to handle inquiries regarding the College's non-discrimination policies:

Associate Vice Chancellor of Student Services

Joanna Zimmermann (students) -
Co-Lead Title IX Coordinator
8060 Spencer Highway
Pasadena, Texas 77505
joanna.zimmermann@sjcd.edu
281-476-1863

Vice President of Human Resources

Sandra Ramirez (employees) -
Co-Lead Title IX Coordinator
4620 Fairmont Parkway
Pasadena, Texas 77504
sandra.ramirez@sjcd.edu
281-991-2659

Vice Chancellor of Strategic Initiatives

Allatia Harris (equity in athletics)
8060 Spencer Highway
Pasadena, Texas 77505
allatia.harris@sjcd.edu
281-459-7140

SAN JACINTO COLLEGE



www.sanjac.edu