

SAN JACINTO COLLEGESM CareerFocus

Spring 2022 Volume 3 • Issue 1



**GLOBETROTTING
ALUMNA** REACHES
DESTINATION THANKS TO
CURIOSITY AND TIME

**LOGISTICS AND SUPPLY
CHAIN CERTIFICATIONS**
LEAD TO EXCITING CAREERS



**A GRAND
ENTRANCE
CELEBRATING
NEW
FACILITIES
COLLEGE-WIDE**



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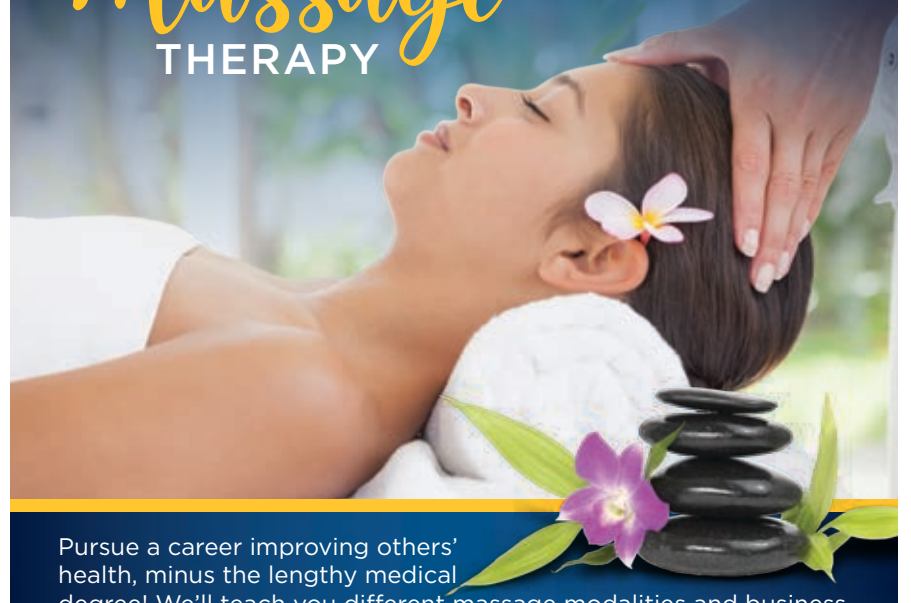
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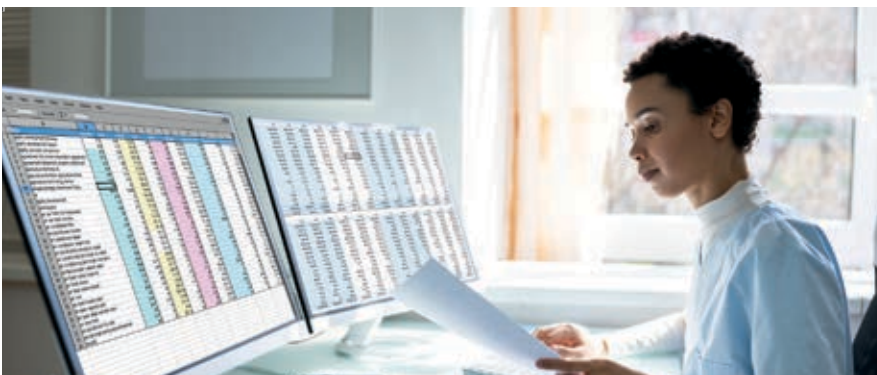
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Learn more at sanjac.edu/natural-science-degree

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CareerFocus



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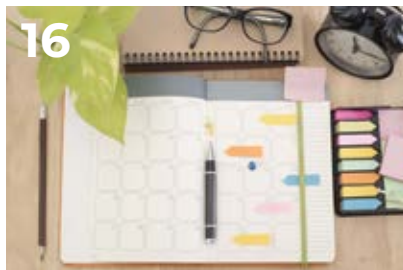
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SAN JACINTO COLLEGE

Questions about San Jacinto College programs and services described in this publication should be directed to the Contact Center at 281-998-6150. Comments or questions about the publication can be directed to the San Jacinto College External Relations Department at 281-998-6152.

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Visit San Jacinto College online at sanjac.edu. Call us at 281.998.6150.



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About San Jacinto College

Surrounded by monuments of history, evolving industries, maritime enterprises of today, and the space age of tomorrow, San Jacinto College has served the people of East Harris County, Texas, since 1961. San Jacinto College is among the top five community colleges in the nation, as designated by the Aspen Institute for Community College Excellence in 2021, and was named an Achieving the Dream Leader College of Distinction in 2020. The College spans five campuses, serving approximately 41,000 credit and non-credit students annually, and offers more than 200 degrees and certificates across eight major areas of study that put students on a path to transfer to four-year institutions or enter the workforce. San Jacinto College's impact on the region totals \$1.3 billion in added income, which supports 13,044 jobs.

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NEWS AND NOTES

FROM AROUND THE COLLEGE



DAVIS ROUSE NAMED ONE OF HOUSTON'S MOST INFLUENTIAL WOMEN

San Jacinto College Board of Trustees member Erica Davis Rouse was named a Top 30 Influential Women of Houston honoree.

Now in their eighth year, these awards recognize the tenacity, discipline, and diligence of women who have broken barriers in their fields and left their mark on Houston, changing the city's business and community service landscape. This year's honorees include civic and cultural icons, entrepreneurs, and corporate executives.

In 2016, Rouse, along with husband Bobby Rouse, founded Reach One 713, which focuses on helping families overcome poverty. She has also volunteered with several non-profits, including Making it Better Texas and Yellowstone Academy. She is a Smahrt Girl Foundation advisory board member and proud Houston Texans ambassador as a member of the NFL alumni association.

"Erica has always had a passion for helping her community and making a difference with children, and she is doing just that as a member of the San Jacinto College Board of Trustees," said Board Chair Marie Flickinger. "I am proud of Erica for receiving this honor and congratulate her on behalf of the entire Board."

A GRAND ENTRANCE: CELEBRATING NEW FACILITIES COLLEGE-WIDE

In fall 2021, San Jacinto College celebrated the opening of six new facilities to better serve the College community, including the new Generation Park Campus.

While the buildings officially welcomed students in 2020, the grand opening events were postponed due to COVID-19 restrictions.

The College's Board of Trustees and Chancellor Dr. Brenda Hellyer cut the ribbon to celebrate the Central Campus Welcome Center, South Campus Cosmetology Center, South Campus Engineering and Technology Center, North Campus Cosmetology and Culinary Center, the EDGE Center, and Generation Park Campus.

► To learn about these events and see more photos, visit sanjac.edu/grand-openings.



GRIFFIN EARNS PRESTIGIOUS ICON AWARD

San Jacinto College's Jim Griffin received the prestigious ICON Award from the Economic Alliance of Houston Port Region at the 2021 Gulf Coast Industry Forum.

Griffin, who has worked more than 30 years in the petrochemical manufacturing industry, is the College's associate vice chancellor/senior vice president for the LyondellBasell Center for Petrochemical, Energy, &

Technology. He has experienced many changes in petrochemical workforce demands and the increased need for workers with degrees and certificates.

In his San Jac role, Griffin oversees petrochemical curriculum and instruction to ensure all training meets the expectations of hiring managers throughout the region's chemical plants.

"We are proud of Jim for his lifelong work in the petrochemical industry, which is so deserving of this ICON Award," Chancellor Dr. Brenda Hellyer said. "His commitment to the industry and his understanding of what our industry partners need is what makes him so valuable to the College and this region. He is helping to ensure that tomorrow's workforce has the skills to continue to make the petrochemical and energy industry in Southeast Texas viable and sustainable."

MONEY IS NO OBJECT

PROMISE SCHOLARSHIP GIVES STUDENTS DEBT-FREE START ON LIFE | By Courtney Morris



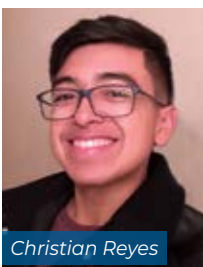
Considering college, some high school graduates give up before even starting.

Dobie High School senior Christian Reyes hadn't given up, but he had plenty of reasons to. COVID-19 was causing global uncertainty. He didn't want to pressure family to foot his school bill. And most of all, he wanted to avoid student loans.

That's why Reyes pivoted his college plans after learning about the Promise @ San Jac scholarship in early 2020.

"San Jacinto College wasn't my only choice," he said. "I could have gone to a four-year college, but then I would have been stuck with student debt."

Thanks to Promise, Reyes graduates this fall with a process technology Associate of Applied Science degree — no debt, no sweat.



Christian Reyes

Your bill: \$0

Promise @ San Jac is a last-dollar scholarship covering 100 percent of tuition and books after federal and state aid, grants, and other scholarships.

Although it started in fall 2020 with graduates of three Pasadena ISD high schools, Promise is expanding to every in-district high school senior beginning with the class of 2021-2022. MacKenzie Scott's \$30 million donation to the College last spring is helping to fund a student success endowment that makes this expansion possible.

The scholarship promises no student debt and is available to all seniors at participating high schools, regardless of their GPA.

Another perk: A certificate or degree offers better career opportunities and income potential than a high school diploma alone.

Current Promise scholar Keyla Guerrero urged her younger brother not to miss out on college, especially with up to three years of paid-for education and a Promise success coach for priority registration and one-on-one help. Thanks to her encouragement, he is applying for the scholarship and plans to attend San Jac this fall.

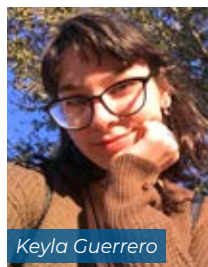
"It's a really good program," Guerrero said. "I recommend it, especially with the amount of resources they offer and how often they reach out to you."

Like Reyes, Guerrero planned to start at a university, but she opted to stay home and keep money in her pocket. With an Associate of Science in natural science, she can transfer for a bachelor's degree in biology, then get her high school teacher certification.

"I didn't want to pass up two free years," she said. "It's easy to transfer. I didn't see any downsides."

Unexpected doors

The Promise scholarship opens many doors — some that students weren't even expecting.



Keyla Guerrero

At first, Reyes pursued process technology at his parents' suggestion. Now he embraces that decision. With most classes at the LyondellBasell Center for Petrochemical, Energy, & Technology, he gets hands-on training in high-tech labs. Plus, his associate degree can lead to a well-paid job at a local refinery — a good back-up plan and way to fund a bachelor's degree in engineering.

"This career path helps to support my college path," he said.

Because of limited finances, Bianca Compean, a South Houston High School graduate, planned to attend San Jac part time, but through Promise, she is reaching her goals faster as a full-time student.

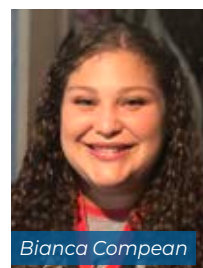
Along the way, Compean even switched to the diagnostic medical sonography program because of her own experience with a pre-surgery

ultrasound years ago. Thanks to this "once-in-a-lifetime" opportunity, she is getting quality training at no cost.

"I wanted to be a sonographer at heart," Compean said. "After graduating from San Jac, I am hoping to get hired on in the medical field."

No debt, no sweat

Although the Promise pledge deadline has already passed for current high school seniors, the scholarship will be open to future graduating classes.



Bianca Compean

Give the gift of a bright future

Help current and future Promise scholars by participating in San Jacinto College's "Step Brightly into the Future" gala Friday, May 20, 2022.

Held at the LyondellBasell Center for Petrochemical, Energy, & Technology at the Central Campus, the College's 60th anniversary gala will benefit a student success endowment for Promise scholarships.

Help our students reach their goals by...

- Attending the gala
- Serving as a sponsor
- Donating a raffle prize

LEARN MORE!

Visit sanjac.edu/gala-2022 or contact the San Jacinto College Foundation at 281-998-6104.

For Reyes, Promise means he can laser-focus on classes since money is no object. For those on the fence about attending San Jac through Promise, he has two words: "Do it!"

"This is free money to pay for your college for up to three years," he said. "You can save your money to buy something else or pay for a bachelor's degree."

► Learn more at sanjac.edu/promise.

BSN STUDENTS GRADUATE IN FIRST CLASS



| By Neesha Hosein

San Jacinto College saw its first Bachelor of Science in Nursing graduates walk across the stage at the 2021 fall commencement ceremony, making them part of a College milestone.

Kriselda Stephen, one of the honored BSN graduates, felt a sense of accomplishment completing the program, as it has been her longtime goal. Stephen feels more advanced in her career and looks forward to new opportunities, namely in leadership roles.

“My experience with learning is always filled with eagerness,” Stephen said. “I really enjoyed the research parts of the program, finding out new things relating to health care that affect people across the world.”

Her fondest program memories include meeting new people and finding things they had in common. She enjoyed learning from others, sharing thoughts and experiences on their discussion



board. Another highlight was working with her group and pulling together their strengths to complete projects and assignments. Stephen looks forward to the future.

“Next, my major plan is to embark on my own business in senior care living,” she said. “More seniors are looking for a family-type setting toward the end of life instead of the traditional nursing home.”

Outside career and future planning, she likes to sing, dance, and loves DIY projects.

Jermeece Augustine, another 2021 commencement participant, felt “relieved and so accomplished” because earning the BSN opens doors for many opportunities in the nursing field.

“I was very blessed to have a great experience at the BSN program,” Augustine said. “I had so much support from my professor and from my colleagues. It was such a great experience that I have shared it with many of my coworkers. A couple of them are now in the very same program.”

Her fondest memory was the capstone final presentation in which they all created PowerPoints and large posters on a research topic and presented their work at a reception on campus.

“It was so great to see what my fellow classmates worked so hard on during the semester,” Augustine said. “It was a great opportunity to share our work and fellow interests in nursing research. I can see so many of us further advancing the nursing profession through our innovative ideas that were shared through our final presentation.”



“My experience with learning is always filled with eagerness. I really enjoyed the research parts of the program, finding out new things relating to health care that affect people across the world.”

Kriselda Stephen, BSN graduate

Augustine hopes to continue advancing her career by exploring other specialties in her field, particularly critical care. She plans to pursue a master’s degree in nursing and someday teach and participate in medical research.

She advises future BSN students to “work hard but enjoy the experience because it will fly by.” She also recommends to stay on top of assignments and reach out to fellow classmates, who are a great resource aside from the professors.

Outside her nursing career, Augustine is into fitness.

“The same week I started the BSN program was the same week I joined a new gym and started my own fitness journey,” she said. “During the year of the BSN program, I lost 30 pounds, and I am currently in the best shape of my life.”

► To learn more about the BSN program, visit sanjac.edu/BSN.



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GLOBETROTTING ALUMNA REACHES DESTINATION THANKS TO CURIOSITY AND TIME

By Courtney Morris



At negative 40 degrees, the Celsius and Fahrenheit scales line up.

Standing on the deck of a research boat in Antarctica, glaciers looming in the distance, Laura Taylor Barnett experienced this phenomenon herself. And beneath the balaclava shielding her nose and mouth, the San Jacinto College alumna was beaming.

In January 2020, the undergraduate student cruised from Chile to Antarctica for the Thwaites Glacier Offshore Research Project. The team of 26 geologists, geophysicists, and oceanographers were collecting sediment cores, water samples, and seismic and multibeam data to understand what drove ancient and modern glacial retreat.

Eight years earlier, Barnett would have pictured herself far from the southernmost continent. Back then, she was pursuing criminal justice at San Jac to become a correctional officer.

“I was young and wanted to change the world,” she said. “Then I got disheartened by the correctional system.”

While figuring out her new path, Barnett wound up in physical geology to fill her science credit. The course content and “young, hip” professor Dr. Liana Boop triggered her “of course” moment.

“I had always asked a bunch of questions but didn’t connect that curiosity to a research mindset,” Barnett said.

She finished as a physical science major, then enrolled in the University of Houston’s geology program. While pursuing her bachelor’s degree, she took graduate-level classes from a professor who sidelined as chief scientist for expeditions to analyze the Thwaites Glacier. This “Doomsday Glacier” is predicted to raise sea level 2 feet worldwide when it melts.

Spying her interest in climate change, this professor invited Barnett to be an

alternate for an upcoming trip. Two weeks before departure, she was tapped to join the team.

“I was the alternate that got lucky,” she said.

Barnett’s team not only collected sediment cores off glaciers but also discovered a newly exposed island, which they named Sif after the Greek goddess and wife of Thor.

“Antarctica was beautiful beyond words — spectacular,” she said. “The sun never set while we were there.”

Beyond Antarctica, Barnett has studied the North American monsoon ancient record in Mexico, collected geophysical data of the Walvis Ridge offshore from Namibia, and investigated the Grand Canyon’s age of formation.

While some students earn their associate degrees alongside high school diplomas, Barnett took the opposite route — “not feeling a lot of pressure to graduate at a young age.” She started at San Jac at 19, then completed her bachelor’s degree at 28. Most semesters, she took fewer than 12 hours, focusing on exploring her interests and asking questions.

Now 29, the former undecided major is pursuing a doctorate in marine geology and geophysics at the Massachusetts Institute of Technology-Woods Hole Oceanographic Institute.

“I’m studying ancient hurricanes in the North Atlantic and the ancient oceanographic conditions that impacted their frequency — to better understand how future hurricanes will develop under rising sea-level and warming oceans,” she said.

Boop, her former professor, isn’t surprised about her path.

“Only 5 percent of the oceans are explored, so I think this curiosity will serve Laura well in the field of marine geology,” she said. “The wonderful thing about research is you can let your questions and curiosities guide you.”

Time, it turns out, was the best gift Barnett could give herself.

“I never had the mindset ‘I didn’t graduate at 22 — I’m a failure!’” she said. “My Ph.D. is so specific. I don’t think I would have gotten there if I hadn’t given myself time.”

► Explore your STEM education options at sanjac.edu/stem.



MUSICIAN, TEACHER, AND **LIFE ENTHUSIAST**



| By Neesha Hosein

music theory, so I enjoy teaching those courses.”

Hernandez occasionally composes his own music and appreciates seeing students perform it. Watching them learn and grow “is rewarding, seeing them carry that pride and that sense of achievement about what they’ve accomplished.” His classes are composed of both music and non-music majors.

“For my non-music majors, we have discussions on various topics, and I try to find some real-life application or a way that they can relate to the material,” he said.

For example, he spends classroom time “comparing and contrasting the lives and music of Mozart and Beethoven.” The students get in groups, and he poses the question, “Who was the greater genius?”

He presents facts about the musicians, such as “Mozart played the violin before age 3, wrote his first compositions at age 6, and first symphony at age 10.” Beethoven “had an amazing ability to take a four-note motive and convert it into the most recognizable symphony in history, expanding the boundaries of classical convention, all while he was losing his hearing.”

Students choose, then discuss how this compares to modern-day geniuses, which leads to more in-depth discussions about stardom and its potential effects.

Many of his students have gone on to pursue higher degrees and become choir directors, teachers, and Grammy award-winning musicians, which gives him a



sense of pride that he had a part in their journeys.

On a personal note

Hernandez finds ways to expand his musical horizons. He plays at music events, such as weddings and funerals, and is the director at Vivo Professional Music School in Houston. He loves classical music and composers such as Bach or Chopin but finds it impossible to choose a favorite musician or genre. When composing music, he goes on a “music fast” to maintain a sharp focus.

Traveling and exploring the outdoors are favorite hobbies. Hernandez grew up in Baja, California, and always enjoyed taking in the scenery and sea breeze. He is a nature lover, a passion he shares with his wife and kids. He loves all animals and used to “pick up snakes, lizards, and other creepy crawlers” when he was a kid, once owning a 7-foot boa constrictor. Currently, his pet collection

includes a snake, gecko, an aquarium, and a goldfish and koi pond he built himself in his backyard.

Sharing his nature fascination with his kids is special to him, and he recently took his two eldest daughters to Everglades National Park in Florida, where they canoed, snorkeled, and explored trails — a father-daughter trip he hopes will become a tradition.

The coda

Hernandez’s current plan is to grow the North Campus music department “to the likes of which it has never seen.”

“My hope is that the music program will not only grow in size but in reputation and that we may become a beacon in this community,” Hernandez said.

► **For more information about San Jac’s music program, visit sanjac.edu/program/music.**

It’s not always an easy task to turn a childhood interest into a flourishing career. One San Jacinto College professor managed to do just that. Guillermo Hernandez is a music professor and choral director at the North Campus.

The intro

“I’ve taken all my influences throughout my life as inspiration,” Hernandez said.

Learning to play the piano at 11 sparked an interest in music. At Harrison School for the Arts in Florida, he studied in the high school’s piano program and soon became “enamored with music.”

He earned his bachelor’s degree in piano performance from Florida Southern College. A choir and theory professor inspired him further, which led to a master’s degree in composition from Baylor University. Then came wedding bells and a move to Ohio to attend Kent State University, where he earned his Ph.D. in music theory and composition.

Career crescendo

Before completing his Ph.D., Hernandez experienced the odd-job phase, having worked as a tutor, lumberjack, and farmer.

“I job hunted nationwide and found a spot here at San Jac in summer of 2010,” Hernandez said. “I’ve always loved teaching, and I have a passion for

LOGISTICS AND SUPPLY CHAIN CERTIFICATIONS LEAD TO EXCITING CAREERS



| By Melissa Trevizo

Think about a smartphone. How many hands does it pass through before it gets to the consumer?

From suppliers and manufacturers to intermediate customers and vendors, each of these hands represents a career in the logistics and supply chain management industry.

San Jacinto College Continuing and Professional Development offers three logistics and supply chain management courses that lead to a Manufacturing Skill Standards Council logistics technician certification, preparing students to step into careers in this growing industry.

The U.S. Bureau of Labor Statistics predicts a 30 percent growth in the industry from 2020 to 2030.

The day-to-day job duties for a logistician are fast-paced and rapidly changing. Although professionals are highly skilled at analyzing data to anticipate buying patterns and trends, some things are impossible to predict.

Take 2020. No one could have predicted COVID-19 and the massive fear-based buyout of items usually well-stocked on grocery store shelves.

“We use algorithms and trends to predict how much product to order and stock on shelves,” said Kimberley Ward, instructor. “But natural disasters and pandemics are beyond those capabilities. That’s why the ability to remain calm under pressure and be adaptable are so important for logisticians.”



The U.S. Bureau of Labor Statistics predicts a 30 percent growth in the industry from 2020 to 2030.

According to Ward, other qualities needed to succeed in the industry include having impeccable customer service skills, communicating well, and being detail-oriented and dependable.

“Everyone in logistics is a link in a chain. If my part of the process lags behind, it disrupts the entire distribution,” said Ward. “Sometimes these errors may seem inconsequential but could result in a delay of the delivery of a product.”

The logistics and supply chain management trio of courses begins with

Introduction to Business Logistics, a prerequisite for the next two courses. This self-led course gives students a basic understanding of logistics. While the course itself takes seven hours to complete, students have two weeks to finish the coursework.

The following courses, Certified Logistics Associate and Certified Logistics Technician, are 3.5-hour, eight-week courses that focus on the supply chain world and related core skills.

“No prior experience is required for the logistics courses,” said Sheila Wall, director, CPD. “It is a great opportunity for students interested in the industry and unsure where to start.”

► To learn more about these CPD courses, visit www.sanjac.edu/programs-courses/cpd/your-career/business-operations-supply-chain-entrepreneurs/logistics-supply-chain.



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REQUIREMENTS

Must have Certified Nurse Aide license, and must have completed phlebotomy course. EKG course must be taken concurrently with Patient Care Technician.

COURSE DATES

March 7 - May 2, 2022

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Call 281-542-2020 for more information or to register.

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REIGNING FIRE

METAL FABRICATION ART SHOW

By Melissa Trevizo

Collaborating with North Gallery, the San Jacinto College North Campus welding program presented a metal art showcase in February.

The installment, “Reigning Fire: Metal Fabrication Art Show,” featured welded sculptures and other designs created by students in the metal sculpture and art metals welding courses.

These courses are designed for artists, hobbyists, and those who think welding is too exclusive for the ordinary person. It gives everyone a chance to “explore creative possibilities in metal art,” according to welding instructor Emily Choate.

“Even if you don’t feel like you are a creative person or call yourself an artist, this class is still for you,” Choate said. “We highly encourage working as a team to share ideas. A basic idea could easily turn into a work of art.”

The art metals course eliminates the need for prior welding experience by focusing on the fundamentals. Students learn shop and tool safety, GMAW welding, cutting, grinding, and CNC plasma fabrication.

The metal sculpture course focuses on the design and business side of art metals and product fabrication by introducing 3D CAD/CAM. Metal sculpture students also write a basic business plan or art proposal while working on their own creations.

The projects created in these courses became the featured artwork in the “Reigning Fire” showcase, some forged by students who had never picked up a torch before.

One of these students, Juan Suarez, was a phlebotomist pursuing a nursing degree before enrolling in a welding course at the College’s Central Campus.

“I had been in the medical field for 15 years and lost my passion for it,” Suarez said. “I have always been artistic and good with my hands, so I gave

welding a try. I feel like I’ve found my passion again.”

Suarez’s piece, a cutlery owl, sits atop a 6-foot metal tree with intricate beads running down its trunk and adorned by hand-cut leaves.

“If you had told me six months ago I’d be creating an owl out of spoons and forks for an art showcase, I don’t know if I would have believed you,” Suarez said. “The art metals and metal sculpture courses have helped me tap into my potential and open up to new possibilities.”

At 43, Suarez is grateful for his chance at a second career and encourages others to explore their passions.

“You never know the potential you have until you test it,” he said. “It’s never too late for a new start.”

Opening up those opportunities is exactly Choate’s goal in introducing these courses.

“Seeing someone come in with little to no experience and turn out an amazing piece is so rewarding for me and for the students,” Choate said. “I want them to feel comfortable tapping into their creative sides and thinking outside the welding booth.”

This is the first art showcase at the North Campus to feature pieces from the art metals courses, but it will not be the last, according to art professor Joe Clark.

“We are honored to show these fantastic sculptures at North Gallery,” Clark said. “I’m constantly on the lookout for ways to collaborate with other departments on the North Campus, and this show with our welding program is a perfect fit. I hope to do this again and look forward to seeing their work in the future.”

► **To learn more about the art metals courses, visit publications.sanjac.edu/courses-az/wldg.**



Nikolaus Aboytz
and Juan Suarez



Juan Suarez



Sharon Guerrero

San Jacinto Maritime

Sail Into a Successful Career With San Jacinto College.

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- San Jac Fast Track Discount Program - sanjac.edu/fast-track
- USCG-approved courses are also approved for GI Bill education benefit certification for veterans

Learn more at sanjac.edu/maritime.

An Equal Opportunity Institution



SAN JACINTO COLLEGE

REPORT TO THE COMMUNITY 2021

The College celebrates a successful year and looks forward to the future. Learn more about the highlights and accomplishments of 2021 by visiting

sanjac.edu/report-community

An Equal Opportunity Institution





While the world may have been shutting down, Teri and John Posey's work was ramping up.

Nothing showed the importance of clear airways as much as a global respiratory virus, and the two respiratory care therapists suddenly found themselves the most essential health care team members.

"There's always been a running joke in respiratory care that no one knows who we are," Teri said. "Now everyone knows, which is great, but we're also relied on more."

Family first

Teri and John pursued San Jacinto College's respiratory care program long before COVID-19 became a household word. Although the wife and husband started in different cohorts — 2003 and 2005 — they both enrolled because of family.

For Teri, it was their son, hospitalized with breathing problems at 2 months old. The respiratory therapist who guided them through the uncertainty turned out to be a San Jac instructor. Ten years later, Teri left her full-time bookstore job to enroll in the full-time respiratory care program.

For John, the catalyst was losing his mother to chronic obstructive pulmonary disease. Although she struggled with a lung capacity of only

TERI AND JOHN POSEY

TEAMMATES FROM MARRIAGE TO EDUCATION TO CAREER

| By Courtney Morris



18 percent, he and his family had underestimated her condition.

"We didn't give my mom as much support as we could have," he said. "We just didn't get it. After Teri started taking the program, the picture started to color itself. I wasn't going to let that happen to someone else."

Open-door policy

The respiratory care program exceeded their expectations. Instead of just lecturing, instructors drew diagrams and shared stories to explain concepts. Coming from the construction industry, John had pictured a "sink or swim" environment.

"Instead, the two full-time instructors always had their doors open," he said. "They would work with you one on one."

Of course, John had one advantage over his wife: He had already tackled the material as her homework helper two years earlier.

"After she graduated, I felt like I'd earned the degree already," he said, laughing. "I had to go to school to make it official."

COVID-19 care

Now Teri is a team lead at Memorial Hermann Southeast, taking care of patients and assigning tasks to 13 other therapists. John works in long-term care at Clear Lake's Kindred Hospital.

Although normally seeing everyone from the preemie and the asthmatic to the post-surgery patient, Teri focuses on COVID-19 patients now. She works extra shifts to keep up with the demand and deals with tragedy alongside success almost daily.

"We know we've done the best we can, and it may not be a good outcome," she said. "Some cases are mild. Some are severe. That plays with your head sometimes."

John, on the other hand, spends more time with family members of end-of-life patients. While he has dropped no-filter construction talk for a compassionate bedside manner, patients' families can trust him to be direct.

"I've spent the better part of my career educating patients and family members on things I wish I could have been educated on during my mom's worst times," he said.

Root of it all

Today, there are plenty of days the Poseys finish shifts exhausted. Self-care might mean venting together, walking the dog, hugging their kids, or gliding a kayak along the bayou. Despite their profession's current challenges, they value their roots.

The College's respiratory care program allowed them not only to provide a better life for their family but also to make a difference for many families in crisis now. Teri sums up their San Jac experience with one word: grateful.

"We would not be where we are today without San Jac, because of the people who were put in our path," she said.



LIKE PARENTS, LIKE KIDS

What started with Teri and John Posey has extended to their son and two daughters. The Poseys boast three children with San Jac ties.

Their son, Mack, received EKG training at San Jac and works at HCA Houston Southeast. He is currently eyeing the College's cyber security program.

Now an elementary teacher, their middle daughter, Katie, transferred to the University of Houston after taking education classes at San Jac. And their youngest, Kayla, is pursuing the culinary arts program at the North Campus.

"We love eating her homework!" Teri said.



BIOMEDICAL EQUIPMENT TECHNICIAN

AN UNKNOWN BUT IN-DEMAND CAREER

| By Melissa Trevizo

Besides doctors and nurses, there are many professions that help hospitals and other medical facilities run smoothly. Biomedical clinical equipment technicians are some of these essential personnel.

“Biomed tech is not a well-known profession, but it is continually growing,” said Michael Brown, San Jacinto College professor. “The industry is in high demand, and right now we have a full program. Every year we see more students enroll.”

In 2015, Money Magazine defined “The 5 Best Jobs You’ve Never Heard Of,” described as high-paying, under-the-radar careers that are growing faster than the national average. The second job listed was medical equipment repairer, or biomedical equipment technician. These professionals repair, replace, test, calibrate, and maintain sophisticated medical equipment.

“In the current market, there is a great shortage of technicians,” Brown said. “In the next 10-15 years, more than 3,000 technicians will be needed. Many of my students are hired while in school, and nearly all graduates walk right into jobs.”

There is a strong need for entry-level technicians. These employment opportunities are driven by two factors: growth and replacement.

In two years, San Jac students can earn an Associate of Applied Science degree in biomedical clinical equipment technology and go on to work for third-party contract companies, manufacturers, and major hospital groups.

While they don’t provide direct patient care, they are a key part of the health care team, ensuring that emerging medical technologies are running smoothly so nurses, doctors, and other providers can offer the best possible patient care.

“A technician who has a reputation of doing a good job can go far in the industry,” Brown said. “Hospitals assign you an entire department like the emergency room, and you are responsible for every piece of equipment in that space. It’s a pretty independent job, and each day is a challenge.”

In his years in the biomedical technician industry, Brown traveled internationally to help repair equipment in underserved countries, most recently in 2016.

“I have travelled to Kenya many times to use my skills as a technician,” he said. “There are organizations that send you around the world to help service the equipment desperately needed to treat people in these rural areas.”

Over the years Brown has seen many upgrades in equipment, but the basics remain the same.

“Technology becomes obsolete, but the inner workings of the machines haven’t changed much in the last 10 years,” he said. “The basic principles come from troubleshooting the problem. Sometimes all it takes is replacing a broken plug or a worn-out gasket.”

Brown’s students gain experience outside the classroom through internships and hands-on experience in the labs of San Jac’s health science programs.

“We travel to each campus and work on hospital beds, heart monitors, even microscopes in the science labs,” said Brown. “It gives students an opportunity to practice with real-world examples of the classroom work we do every day and to serve the College.”

► **To learn more about the program, visit sanjac.edu/program/biomedical-clinical-equipment-technician.**



There is a strong need for entry-level technicians. These employment opportunities are driven by two factors: growth and replacement.



FOUNDATION GALA SUPPORTS PROMISE SCHOLARSHIPS

| By Courtney Morris



With your help, the future is bright for San Jacinto College students.

The College's 60th anniversary will culminate in the "Step Brightly into the Future" gala Friday, May 20, 2022, at the LyondellBasell Center for Petrochemical, Energy, & Technology at the Central Campus.

Presented by LyondellBasell and the Sinor family, the gala will benefit the student success endowment supporting Promise @ San Jac scholarships.

"We invite the community to join us in changing students' lives by serving as an event sponsor, donating to the Promise endowment, or purchasing gala tickets," said Teri Crawford, San Jacinto College Foundation executive director and vice chancellor for external relations.

Promise @ San Jac started two years ago with three high schools from Pasadena ISD. Thanks to a \$30 million donation from philanthropist MacKenzie Scott and her husband, Dan Jewett, San Jac is creating an endowment to offer Promise @ San Jac scholarships beginning fall 2022 to all high school seniors who live in the College's taxing district.

This last-dollar scholarship covers up to three years of tuition and books so students can complete their certificate or associate degree debt-free.

Gala sponsorship opportunities and varying levels of event tickets are available, including a VIP Double Date Night and VIP Date Night for Two. Guests will enjoy a gourmet dinner, a punch wall, a raffle, a keynote speaker, and opportunities to engage with San Jac students and scholarship recipients.

► **To learn more about the gala and sponsorship opportunities, visit sanjac.edu/gala-2022. Or contact the San Jacinto College Foundation at 281-998-6104.**



STEP
BRIGHTLY
INTO THE
FUTURE

SAN JACINTO COLLEGE
60TH ANNIVERSARY
GALA

By lightening students' burdens, we can inspire a generation, strengthen a community, and change lives. Every dollar invested in the San Jacinto College Foundation helps students succeed and provides economic prosperity to local families and communities. Together, we make dreams possible.

MAY 20, 2022

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Advancing Possible

THE SINOR FAMILY

JOIN US AT THE GALA
OR THROUGH A SPONSORSHIP:
sanjac.edu/gala-2022



MANAGE YOUR TIME, MANAGE YOUR LIFE | By Courtney Morris



“Project due yesterday.”

If you’ve spied that subject line in your inbox, you know the heart thumping that follows realizing you missed a deadline. Chances are you had enough time. But you didn’t manage the days, hours, and minutes leading up to the due date.

College prep department professors **Robert Sandhaas** and **Dr. Lynnnda Shields** and career services coordinator **Jennifer Cerda** teach time management skills to San Jacinto College students.

Although you are not born an effective time manager, you can develop this skill with practice. Sandhaas, Shields, and Cerda share how.

Q: Why is time management important?

Sandhaas: It has lifelong benefits for career and quality of life. Employers value this skill. In fact, surveys often list it as one of the traits employers are most looking for in new employees.

Cerda: You can meet your goals, complete more in a shorter time, lower stress, and operate at peak productivity in any environment. How we manage our day now directly impacts how we will be in the future.

Q: How do I manage my time?

Sandhaas:

1. Review each class syllabus or work assignment and record on a semester/quarterly calendar any important test or project dates. This provides a clear picture for establishing goals, priorities, and personal deadlines.
2. Create a weekly schedule by blocking out work/class times,

prep time, and any other weekly commitments.

3. Finally, create a daily to-do list and rank tasks based on importance and immediacy.

Shields: Identify fixed commitments like class schedules and develop an effective routine around those. Prioritize short- and long-term goals. Say “no” when something does not serve your best interest.

Cerda: Start your day with a clear focus, minimize interruptions, focus on high-value activities, and review your day EVERY day.

Q: Where do students struggle the most in time management?

Sandhaas: Underestimating time for college work outside class, including assigned readings, test review, papers, and projects. For each hour of class, you should allot at least one hour of outside preparation. Difficult subjects can require as much as two hours.

Shields: Spending most of their time in the “not important and not urgent” quadrant — playing video games, binge-watching TV, scrolling through social media, etc. You don’t have time left for what is important.

Cerda: Not starting a required task based on not wanting to or disliking the task itself. Work on the dreaded task for five to 10 minutes a day. You might end up finishing it or at least chipping away at it.

Q: Do I have to manage my time better if I’m taking online classes?

Sandhaas: Yes, treat online classes like face-to-face classes with scheduled times to complete assignments, readings, and

other activities. Overlooking deadlines and procrastinating can impact your grades. Catching up when you fall behind is also difficult.

Cerda: Yes, but you can do it:

1. Set goals — a timeline for yourself. Everyone likes to feel they’ve achieved something.
2. Seek support from study groups, advisors, or friends/family who can keep you on track and accountable.
3. Remember the essentials like sleeping and eating.
4. Don’t give up.

Q: What are the biggest obstacles to time management?

Sandhaas: Relying on memory to keep track of deadlines. The problem arises when you forget a paper or a test, and the results can be catastrophic to your grades.

Cerda: Procrastination, fear of failure, and lack of organization and prioritization.

Q: You mentioned time wasters, but shouldn’t I make time for myself?

Sandhaas: Including time for activities you enjoy is important. Research shows taking five-minute breaks (like a short walk) every 45 to 60 minutes makes us more productive.

Shields: Yes, you must put yourself first on the list. When you learn to manage your time by planning and prioritizing, you have time to take care of you.

Q: Any final thoughts?

Sandhaas: Use time management tools like calendars, to-do lists, and alarms

available on mobile devices. Make time for yourself to recharge.

Shields: Starve your distractions and feed your focus! Time management is life management. Know what is urgent and what can wait. Plan realistically and allow time for the unexpected.

Cerda: Give yourself grace if you don’t get it down in one day. Tomorrow is a new day to be a better version of yourself. Finally, celebrate your milestones. Acknowledge a job well done and be proud of yourself!



Struggling? We can help!

San Jac offers many resources to help students succeed in school and life. Check these out:

1. **Student Success Centers:** Free tutoring and study resources (sanjac.edu/tutoring)
2. **Career Services:** Career assessments, advising, and exploration (sanjac.edu/career-services)
3. **EPCC:** Academic advising and personal counseling (sanjac.edu/epcc)
4. **iConnect Centers:** Student success workshops and help connecting to student services (sanjac.edu/iconnect)

CHOOSE YOUR PATH

AT SAN JACINTO COLLEGE, OUR MISSION IS TO ENSURE YOU SUCCEED AND TO EMPOWER YOU TO ACHIEVE YOUR GOALS, REDEFINE EXPECTATIONS, AND EXPLORE NEW OPPORTUNITIES.

With eight career pathways, you can equip yourself with the training and tools to succeed in a career, find your place in the world, and pursue the life you've always wanted. If you plan to earn an associate degree and transfer to a four-year university, we can help you along your path. If career training for a certificate or associate degree is more your focus, we can help you find the program that is right for you. Before you register for classes, you should discuss your career goals with a San Jac educational planner. We'll make sure you're selecting courses that meet the curriculum requirements of the certificate or associate degree you want to earn or four-year university you plan to attend. Learn more at sanjac.edu, or call 281-998-6150 to speak with an educational counselor. ■



Art, Humanities, Communication, and Design

Art and Design	Interior Design
Audio Engineering	Modern Languages
Communications	Music
Dance	Speech
English	Theatre and Film

Career Opportunities

*(some may require a bachelor's or master's degree)**

Broadcast Technician	\$39,528
Choreographer	\$63,520
Editor	\$65,203
English Language and Literature Teacher, postsecondary	\$77,325
Film and Video Editor	\$50,756
Graphic Designer	\$51,198
Interior Designer	\$62,865
Interpreter/Translator	\$53,173
Lighting Technician and Media and Communication Equipment Workers	\$89,064
Special Effects Artist and Animator	\$63,904
Music Teacher, postsecondary	\$75,285
Music Directors and Composers	\$61,970
News Analysts, Reporters, and Journalists	\$54,664
Producers and Directors	\$61,873
Proofreaders	\$38,061
Public Relations Specialist	\$62,598
Sound Engineering Technician	\$53,662
Technical Writer	\$67,835



Business

Accounting
Business Administration
Business Management
Business Office Systems and Support
Economics
Entrepreneur
Long Term Care Administration
Paralegal
Real Estate

Career Opportunities

*(some may require a bachelor's or master's degree)**

Bookkeeping, Accounting, and Auditing Clerk	\$44,878
Budget Analyst	\$90,730
Credit Analyst	\$81,737
Executive Administrative Assistants	\$65,160
Insurance Underwriters	\$73,078
Paralegal and Legal Assistant	\$53,406
Production, Planning, and Expediting Clerk	\$52,206
Real Estate Sales Agent	\$62,273
Real Estate Broker	\$85,751
Human Resources Specialist	\$71,357
First-Line Supervisors of Retail Sales Workers	\$48,101
Project Management Specialist	\$90,554



Construction, Industry Manufacturing, and Transportation

Air Conditioning Technology (HVAC)
Automotive Collision Repair
Automotive Technology
Biomedical Clinical Equipment Technician
Construction Management Technology
Diesel Technology
Electrical Technology
Electronics Technology
Environmental Health and Safety Technology
Global Logistics and Supply Chain Management
Instrumentation
Maritime Transportation
Non-destructive Testing
Pipefitting
Process Technology
Welding Technology

Career Opportunities

*(some may require a bachelor's or master's degree)**

Automotive Body and Related Repairer	\$46,262
Automotive Service Technician and Mechanic	\$47,795
Bus and Truck Mechanics and Diesel Engine Specialist	\$51,240
Captains, Mates, and Pilots	\$81,292
Chemical Plant and Systems Operators (Process Technology)	\$74,656
Construction Managers	\$99,661
Electrician	\$53,300
Environmental Science and Protection Technician (including health)	\$50,285
Heating, Air Conditioning, and Refrigeration Mechanic and Installer	\$54,806
Medical Equipment Repairer	\$56,825
NDT Technician Level I	\$74,392
Occupational Health and Safety Technician	\$53,350
Plumber, Pipefitter, and Steamfitter	\$55,231
Sailors and Marine Oilers	\$47,596
Welder, Cutter, Solderer, and Brazier	\$51,146



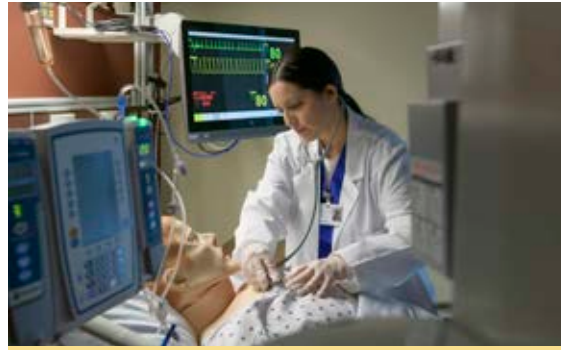
Education

Child Development /
Early Childhood Studies Teaching

Career Opportunities

*(some may require a bachelor's or master's degree)**

Child Care Workers	\$23,385
Elementary School Teacher (except special ed)	\$58,773
Education Administrator, Preschool, and Child Care Center	\$61,518
Preschool Teacher	\$44,626
Secondary School Teacher (except special ed)	\$60,510
Substitute Teacher	\$48,806
Teaching Assistant (except postsecondary)	\$22,726
Vocational Education Teachers, secondary	\$61,717



Health Sciences

Cancer Data Management
Diagnostic Medical Sonography
Emergency Medical Services
Eye Care Technology
Health Information Management
Medical Assisting
Medical Billing
Medical Coding
Medical Laboratory Technology
Medical Radiography
Mental Health Services
Nursing
Occupational Therapy Assistant
Personal Trainer
Pharmacy Technician
Physical Therapist Assistant
Respiratory Care
Surgical Technician

Career Opportunities

*(some may require a bachelor's or master's degree)**

Certified Ophthalmic Assistant	\$42,500
Certified Ophthalmic Technician	\$51,733
Certified Tumor Registrar	\$54,049
Diagnostic Medical Sonographer	\$71,380
Emergency Medical Technician and Paramedics	\$37,222
Fitness Trainers	\$46,868
Licensed Practical and Licensed Vocational Nurse	\$48,968
Medical Assistant	\$36,158
Medical and Clinical Laboratory Technicians	\$53,884
Medical Records and Health Information Technician	\$47,459
Occupational Therapy Assistant	\$78,963
Pharmacy Technician	\$37,328
Physical Therapist Assistant	\$80,499
Radiologic Technologist	\$63,958
Registered Nurse	\$84,858
Respiratory Therapist	\$62,404
Substance Abuse, Behavioral Disorder, and Mental Health Counselor	\$51,439
Surgical Technologist	\$54,165



Public Safety and Human/Consumer Services

Chef Training
Cosmetology
Criminal Justice
Fire Protection Technology
Massage Therapy
Pastry Chef
Personal Trainer
Restaurant Management

Career Opportunities

*(some may require a bachelor's or master's degree)**

Baker	\$26,016
Chefs and Head Cooks (including Pastry Chefs)	\$57,417
Firefighter	\$54,145
Food Service Manager	\$58,738
Hairdressers, Hairstylists, and Cosmetologists	\$24,617
Massage Therapist	\$39,093
Private Detectives and Investigators	\$50,805
Probation Officers and Correctional Treatment Specialists	\$48,239
Skin Care Specialists (Esthetician)	\$48,952



Science, Technology, Engineering, and Math (STEM)

Applications / Programming
 Biology
 Chemistry
 Cloud Computing
 Computer Science
 Computer Simulation and Game Design
 Cyber Security
 Desktop Support and Network Administration
 Engineering
 Engineering Design Graphics (Drafting)
 Environmental Science
 Geology
 Mathematics
 Microsoft and CISCO
 Physics
 Web Design

Career Opportunities

*(some may require a bachelor's or master's degree)**

Accountant and Auditor	\$83,667
Agricultural and Food Science Technicians	\$41,404
Architectural and Civil Drafter	\$59,421
Chemical Engineer	\$147,023
Civil Engineer	\$99,583
Computer Network Support Specialist	\$80,283
Database Administrators	\$103,714
Environmental Engineering Technician	\$62,136
Information Security Analyst	\$118,476
Mechanical Drafter	\$64,122
Computer Network Specialist	\$75,268
Software Developers (Applications)	\$109,513
Web Developer and Digital Designer	\$73,192
Computer Programmers	\$103,555
Computer User Support Specialist	\$51,748



Social and Behavioral Science

Anthropology
 Government
 History
 Philosophy
 Psychology
 Sociology

Career Opportunities

*(some may require a bachelor's or master's degree)**

Anthropologists and Archeologists	\$79,007
Clinical, Counseling, and School Psychologists	\$80,459
Mental Health Counselors	\$51,439
Clergy	\$60,981
Museum Technicians and Conservators	\$39,636
Psychologists	\$106,021
Philosophy and Religion Teachers (postsecondary)	\$55,802
Political Scientists	\$90,752 ^(statewide)
Sociology Teachers (postsecondary)	\$80,632
Social Science Research Assistants	\$36,902

* Salary source: texaswages.com, Gulf Coast Region, 2020 Annual WDA Wages

** Salary source: U.S. Bureau of Labor Statistics

Noncredit Classes for Professional and Life Long Learners

Whether you're preparing for a career or picking up a new hobby, the San Jacinto College Continuing and Professional Development Division offers a variety of noncredit courses for workforce training and lifelong learning. Workforce courses keep employees up to date on the latest industry technology and are available through contract training, open enrollment, and grant funding. Not only does the division provide vital training for workers, but you can enjoy picking up new skills you've been eager to learn. CPD offers lifelong learning courses to promote leisure learning and to help you extend your horizons. To learn more, visit sanjac.edu/cpd.

Workforce Development and Job Training

Applied Technology and Trades
 Business and Professions
 Computers, IT, CNC, PLC, and Robotics
 Health Occupations
 Maritime

Corporate Training and Consulting

Task/Job/Organizational Performance Analysis
 Training Needs/Gap Analysis
 Measuring Training Effectiveness and ROI
 Implementing Effective On-the-Job Training
 Apprenticeships
 Transitioning Training from a Functional Unit to a Business Unit
 Train-the-Trainer for Regulatory Compliance
 Strategies for Selecting, Training, and Qualifying Shift/Relief Supervisors
 Approaches to Team Training and Diagnostics
 Organizational and Human Performance Needs Assessments

Community Programs

Aerospace Education and Workforce
 Education
 Life Long Learning
 Youth Programs

Grants

Adult Education and Literacy
 Health Career Pathways Partnership Grant
 TPEG
 TWC Business Funding Opportunities

^^ Salary source: PQNDT 2019 Salary Survey

^^^ Salary source: Payscale, Houston Region

HOWARD OVERCOMES OBSTACLES TO ACHIEVE AMERICAN DREAM

By Melissa Trevizo

Dr. Lonnie L. Howard, college president of Lamar Institute of Technology, is an example of the American Dream.

“My version of the American Dream would never have become a reality without earning an associate degree from San Jac,” Howard said.

Born into abject poverty in a small shack without running water and placed in remedial classes, Howard defied the odds by becoming a first-generation high school and college graduate.



“My version of the American Dream would never have become a reality without earning an associate degree from San Jac.”

Dr. Lonnie L. Howard, college president of Lamar Institute of Technology

By way of a delayed enlistment in the U.S. Army at 17, Howard left for the military 10 days after graduating high school. Despite being promoted to the rank of sergeant and honorably discharged, Howard couldn't find any jobs except as a janitor due to his limited education and civilian job skills.

“I had a desire to serve my country, and college seemed out of reach for me,” he said.

All of that changed when Howard graduated in 1993 with an associate degree in welding technology from the San Jacinto College North Campus.

“That year will remain one of my most memorable,” he said. “My entire family were able to attend the commencement, which was held in the small North Campus gymnasium. I have never been so proud to hear my name called as I crossed the stage, and I saw my mother crying.”

Today, Howard's degree from San Jac with its original cover is displayed in his office.

“I tell everyone who visits my office the inspiring story of my educational

journey and how my associate degree not only helped me increase my workforce skills, but it also gave me the academic confidence to earn other degrees,” Howard said.

For Howard, that confidence translates into two associate degrees, a bachelor's and master's degree from the University of Houston, and a dual doctorate in educational administration and sociology from the University of Texas at Austin. He has also completed postdoctoral training at Penn State University, Harvard University, and the University of Southern California.

“Not too bad for a welding student,” he said, smiling.

Professionally, he has had rapid career progression within higher education — from executive director for the UH School of Continuing and Professional Studies and president and CEO of Clover Park Technical College to current president and CEO of Lamar Institute of Technology. In addition to his role at LIT, Howard is a sought-after speaker, having given nearly 100 national, state, and local presentations.

“With hard work, persistence, and integrity, anyone can achieve some measure of the American dream,” he said. “What that looks like depends on someone's capacity and their level of investment and engagement. Regardless of socio-economic condition, it's never too late.”

Howard's ties with San Jac go beyond being an alumnus. He became a faculty



Howard defied the odds by becoming a first-generation high school and college graduate.

member and eventually department chair for the welding technology program and continues to foster his relationship with the institution as a lifetime member of the alumni association and San Jacinto College Foundation donor.

“I owe a huge debt of gratitude to those past faculty and staff members who took a personal interest in helping me earn my degree,” he said. “This type of commitment to student success is even more emphasized today. I want to congratulate Chancellor Hellyer, the Board of Trustees, and the San Jac family on 60 wonderful years ... and here's to 60 more.”



BARBERING

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The **Barbering Crossover Certificate** is a 15-credit-hour certificate for state-licensed **cosmetology** operators to obtain a separate **barber** license. **You must hold a current state operator's license**, complete the courses, and pass a barbering state licensing exam to hold both licenses.

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sanjac.edu/cosmetology

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Cloud computing requires skilled digital architects to develop and manage the delivery of software, storage, analytics, and databases over the internet. San Jacinto College has an associate degree program to help future cloud architects get the knowledge they need in operating systems, networking, programming, and security for an exciting career in this innovative field.

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sanjac.edu/cloud-computing

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 Chancellor of Human Resources, 4624 Fairmont Pkwy., Pasadena, TX 77504; 281-991-2659; Sandra.Ramirez@sjcd.edu.