

NAVIGATOR

A Northshore Technical Community College Guide to Workforce and Education

ISSUE 1

**Collaborative Growth:
Workforce, Industry,
& Education**

**Students Participate in
Water Management Study
Abroad Program**

**SLU & NTCC
Partner for
Students' Success**

NTCC PATHWAYS TO BUILDING FUTURES

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CHANCELLOR'S MESSAGE



One does not have to look far to witness the power of education and training. Recent economic development wins in southeast Louisiana demonstrate a healthy diversification of economy while at the same time harness the talent of a dynamic workforce. Welcome to the first edition of Navigator!

This unique publication centered on workforce training and economic development happenings throughout the greater northshore region is a first of its kind designed to provide key

insight into economic growth and opportunity for citizens throughout one of the fastest-growing regions in the State of Louisiana. Collaboration between multiple school systems, universities, economic development districts, and community and technical colleges provide a platform for informing northshore families of the vast opportunities in employment and education available today and those projected for the future.

Information is power! By design, Navigator will highlight various resources to inform parents, graduates, and employers on education and training opportunities, trends in workforce and economic development, and new developments spurring expanded employment opportunities and innovation within the region. In this issue, we welcome readers to experience NTCC with an open invitation to visit local campuses! We invite readers to learn about the different programs, degrees, university transfer opportunities, workforce opportunities, and study abroad opportunities that are found close to home!

We would like to thank the many contributors and sponsors of the first edition of Navigator! Your support clearly demonstrates the importance of telling the story of workforce training and higher education on the Northshore. We look forward to future publications that will illuminate opportunities for high school and college graduates as well as those currently engaged in the workforce seeking career changes or advanced credentials to remain competitive in today's economy. As we Build Futures at Northshore Technical Community College, we embrace the support of all communities and stakeholders key to the success of our citizens throughout the region.

Sincerely,

William S. Wainwright, Chancellor



NAVIGATOR

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2018



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WELCOME TO NORTSHORE TECHNICAL COMMUNITY COLLEGE!

When you enroll at NTCC, you become a part of a dynamic learning environment comprised of a student, faculty, and industry team focused on advancing your goals and launching your career. Today's industry standards require technical training and skills enhancements necessary to build career opportunities throughout the lifespan. The rapidly changing landscape of our economy provides tremendous opportunities for technical community college students of today. Enroll now and be a part of the building of a stronger Louisiana workforce. The faculty, staff, and administration of Northshore Technical Community College are committed to your success.

MISSION

NORTSHORE TECHNICAL COMMUNITY COLLEGE

Northshore Technical Community College is committed to providing quality workforce training and transfer opportunities by awarding associate degrees, technical diplomas and certificates to students seeking a competitive edge in today's global economy.

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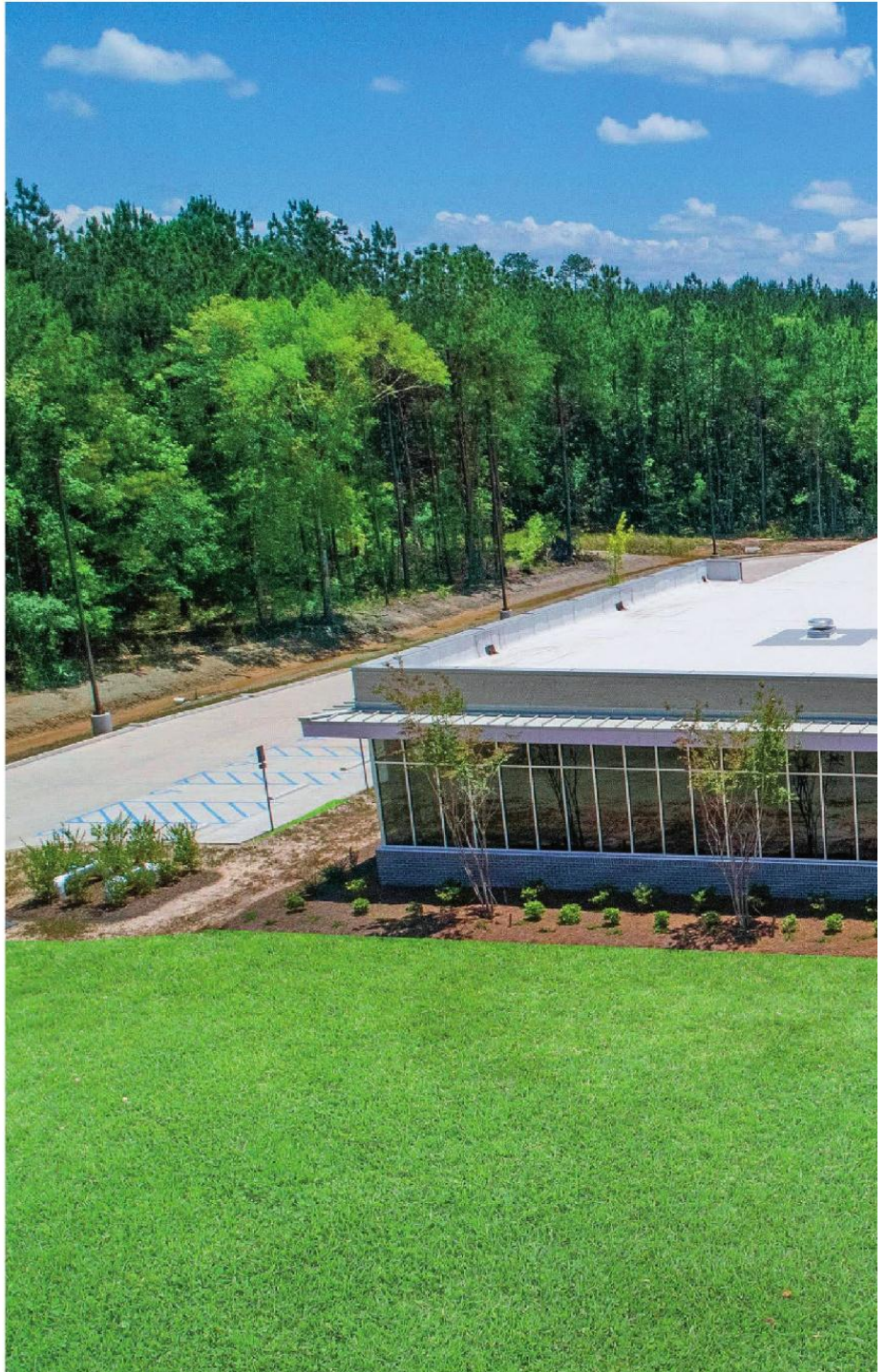
WELCOME to your Community College

CLOSE TO HOME

With convenient locations across the northshore, Northshore Technical Community College is YOUR go-to college! NTCC boasts over 21 affordable programs leading to associate degrees, technical diplomas, and/or professional certifications, including opportunities to transfer to four-year universities. NTCC has locations in Lacombe, Hammond, Bogalusa, Greensburg, and has recently announced its Livingston Parish expansion in Walker. The Lacombe Campus serves as its main campus and houses robust STEM curriculum and programs including the Maritime Technology Program and 4-year pathways to advanced degrees in engineering, information technology, biological sciences, business, and nursing. All NTCC campuses offer hands-on, career-focused training programs including (but not limited to) technical programs in welding, HVAC, automotive, electrician, diesel powered equipment technology, and more! Health Science programs such as Practical Nursing, Patient Care Technician, Medical Assistant, Pharmacy Technician, and Veterinary Technology are also available. All are welcomed and eligible to apply for admission.

FOUR-YEAR CONNECTIONS

NTCC offers several pathways that lead to four-year baccalaureate degrees. These pathways have been constructed to provide students



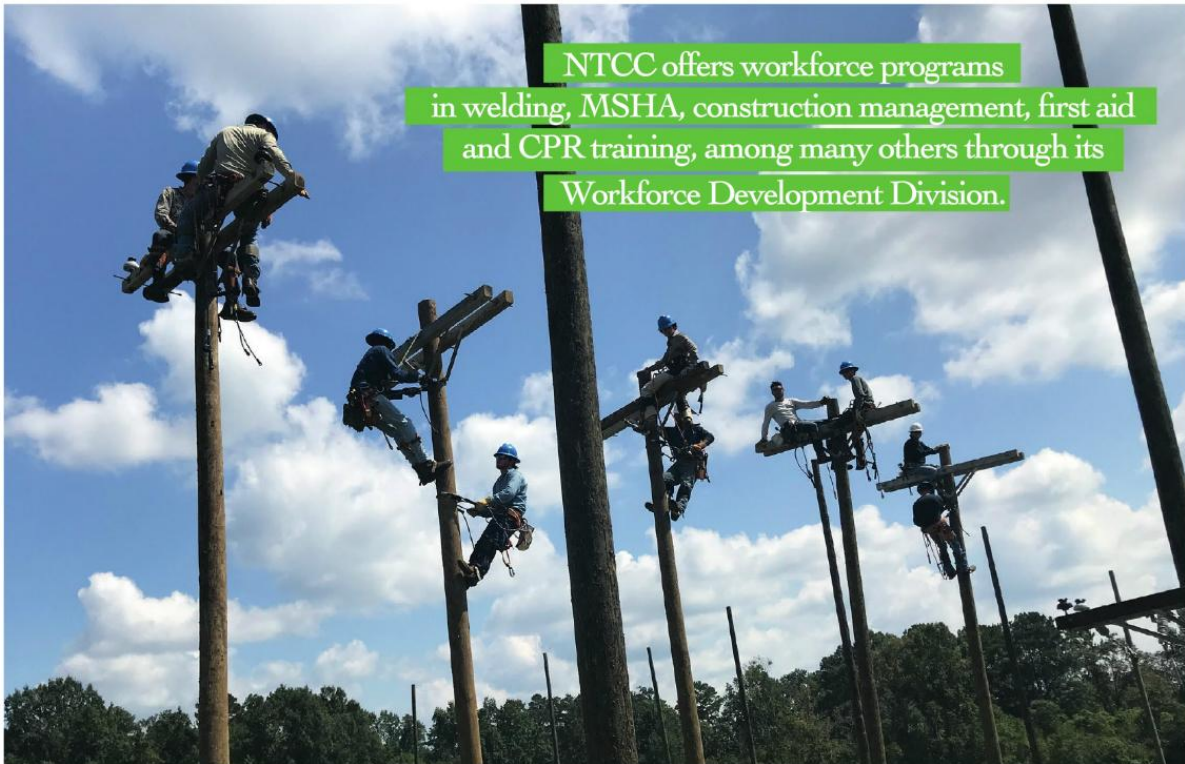
with an affordable and seamless curriculum that aligns directly to a bachelor's degree in high-demand and high wage career opportunities. NTCC currently has transfer pathways to Southeastern Louisiana University, Franciscan Missionaries

of Our Lady University, North Oaks School of Radiologic Technology, Northwestern State University, University of Holy Cross, University of New Orleans, and the University of Southern Mississippi. In addition, NTCC lists over 70 transferable

courses offered on the State of Louisiana's Board of Regents master course articulation matrix. These courses are transferable to any public college or university in Louisiana. All transfer pathways are listed and described on page 17.

NTCC boasts over 21 affordable programs leading to associate degrees, technical diplomas, and/or professional certifications, including opportunities to transfer to four-year universities.





NTCC offers workforce programs in welding, MSHA, construction management, first aid and CPR training, among many others through its Workforce Development Division.

BUILD YOUR WORK SKILLS

Looking to add certifications to your résumé? NTCC offers workforce programs in welding, MSHA, construction management, first aid & CPR training, among many others through its Workforce Development Division. These short-term classes are specifically designed to get you certified and into the workforce quickly. Focusing on industry certifications, online education courses, and professional development, the Division assesses and customizes program for the business, industry, and employee in mind.

Want to accomplish that goal of earning your high school diploma equivalency? Through noncredit programs, NTCC also offers Free Adult Education classes throughout the northshore region, preparing you for the HiSET Exam (formerly called the GED). The WorkReady-U adult education program and YouthBuild Bogalusa program are



designed not only to provide the skillset necessary to earn a high school diploma but provide the skillset and mindset it takes to enter the workforce.

YOUR CONNECTION TO BUSINESS AND INDUSTRY HIRING!

All NTCC programs are designed for high school graduates, nongraduates, and those seeking a career change or re-entry into the workforce. NTCC is proud of the business and industry partnerships developed and fostered throughout the past 40 years, and these partnerships continue to grow! With internships,



incumbent worker training programs, and a personable Department of Career Services, NTCC creates long-lasting career opportunities. NTCC's unique Maritime Program is a prime example! This technical program offers a degree path embedded with the necessary certification to begin working in the maritime industry. NTCC developed the program with guidance from over a dozen regional maritime industry leaders and economic development boards. Because of the close working relationship, when business and industry leaders need workers, NTCC is one of the first places they go!



Lacombe STEM Campus
65556 Centerpoint Blvd.
Lacombe, LA 70445
985-545-1500

With convenient locations across the Northshore, Northshore Technical Community College is YOUR go-to college on the Northshore!

- For more information on programs, please contact one of our campuses or email admissions@northshorecollege.edu.
- For information on our Adult Education Program and ESL Program, visit NorthshoreCollege.edu/workreadyu.

**We
are
YOUR
Local
Technical
Community
College !**

Northshore Technical Community College is committed to **Building Futures.**

Our mission is to provide quality workforce training and transfer opportunities to students seeking a competitive advantage in today's global economy. Our Student Affairs staff will work with you through the admissions and financial aid processes. Our advisors will help you select a program leading to graduation and a successful career. Financial Aid options include federal grants and loans, TOPS, and local scholarships. Come tour YOUR campus today!



Hammond-Area Campus
111 Pride Drive
Hammond, LA 70401
985-543-4120



Florida Parishes Campus
7067 Hwy. 10
Greensburg, LA 70441
225-222-4251



Sullivan Campus
1710 Sullivan Drive
Bogalusa, LA 70427
985-732-6640

"Central to the mission of Louisiana's community and technical colleges is global competitiveness. Innovative study abroad programs not only prepare students to participate in a global economy but also infuse cultural immersion opportunities, fostering a holistic approach to workforce training," said Dr. William Wainwright, Chancellor of Northshore Technical Community College. "This experience will have a direct impact on local and regional economies in south Louisiana as students will gain a comprehensive foundation and understanding of water management and the development of long term solutions."

"As the Greater New Orleans region continues to address its coastal and urban water issues, now more than ever it is important that we build a pipeline of trained workers who are skilled in and knowledgeable about the vast opportunities that exist within water management," said Michael Hecht, President and CEO of Greater New Orleans, Inc. "This will ensure an industry that not only protects our coast, but that builds local jobs and wealth, as well."

"The Louisiana Community and Technical College System is known for preparing the future workforce of tomorrow and helping our communities address challenges and create economic growth," said Dr. Kristine Strickland, Chancellor of Fletcher Technical Community College. "This collaborative study abroad program to the Netherlands was an opportunity to learn how Louisianans can coexist with water. I am proud that our system continues to provide opportunities for students to become technical experts in their field but also contributing members of our global community as we continue to seek ways to grow and enhance Louisiana."

"The Netherlands was the perfect location for our students," said

“So much of the study was relatable to our students and gave them relevant experiences for a future career in the water management field.”

Dr. Daniel Roberts, Provost and Vice Chancellor at Northshore Technical Community College. "So much of the study was relatable to our students and gave them relevant experiences for a future career in the water management field."

Students visited several key sites in the Netherlands through the course of the program. Sites included the Zuiderzee Project in the Netherlands, which dammed off the Zuiderzee Sea, and is adjacent to the North Sea on the Dutch coast, turning Zuiderzee into a freshwater reserve and allowing the reclamation of 1,650 square kilometers for agriculture purposes. Students also visited the Deltares in the Delft, where they learned about the state-of-the-art

computer modeling and real time simulations used by the Dutch. The Deltares visit built upon a recent visit to the state-of-the-art Mississippi River Model at the Louisiana State University Center for River Studies.

In addition to the educational excursions, the study abroad program also included a cultural immersion component. Students visited the Rijksmuseum and were able to see significant pieces of art related to water. The National Flood Museum in the Netherlands was a moving experience for the students as well, where they learned about the catastrophic flood of 1953 and how it influenced Dutch policy toward coastal protection. "It was a somber experience, and really related to our



YOUR PARTNER IN YOUR JOURNEY TO SUCCESS

The Business & Career Solutions Centers on the Northshore are your partner in helping your goals for high-skill, high-demand, high-wage careers.

- Learn about career guidance and career outlook
- Understand your training options
- Identify and find ways to remove obstacles
- Have a partner throughout your journey



"By the St. Tammany BCSC helping me buy my supplies for school, I was able to successfully finish my program; and it allowed me to take the small income I had to provide for my child and bills."

-Kyrin Hinton
NTCC Welding Graduate Spring '18

Options for paying for your training

Once you have made the decision to go school, then you need to figure out how to cover the costs. Our goal is to help remove obstacles and barriers to your success. In addition to Federal Student Financial Aid and completing the FAFSA, there are more resources available from the local Business & Career Solutions Centers for those enrolled in eligible training and who qualify.

- Tuition assistance
- Books, supplies and/or fees
- Reimbursement for transportation
- Childcare assistance
- Needs-related payments
- Other supportive services

Could you be eligible?

The Business & Career Solutions Centers have been supporting local students for the last 30+ years and have invested millions in funding to advance occupational skills and remove barriers. Our programs are federally funded through the Workforce Innovation and Opportunity Act (WIOA), and eligibility is a requirement. Priority is given to people who are un- and under-employed and include:

- Veterans
- Low-income or receiving public assistance
- Dislocated workers who have been laid-off due to no fault of their own
- Displaced homemakers
- Youth ages 16-24 with barriers, such as single parenting or other barriers
- Other barriers

Give us a call, make an appointment, or just stop by to get the ball rolling. We will assess your specific situation and needs to see what we can do to help you achieve your training and career goals.

Ascension BCSC

1721 S Burnside Ave
Gonzales, LA 70737
225-644-0335
ascension@lwda20.org

Livingston BCSC

9384 Florida Blvd., Ste B
Walker, LA 70785
225-667-1874
livingston@lwda20.org

St. Tammany BCSC

524 Gause Blvd
Slidell, LA 70458
985-646-6410
www.TriParishworks.net

Tangipahoa BCSC

403 Market Street
Hammond, LA 70401
985-902-4200
tangipahoa@lwda20.org



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**TRAINING &
DEVELOPMENT**

STUDENT COLUMN

I CRIED THE DAY I LEFT COMMUNITY COLLEGE

BY GRACE WHITTINGTON

walked the halls that I had walked up and down over the past three years thinking about what an adventure my college experience has been. After I moved out of my parents' house, this place became my new home. Every morning before class I would walk to every professor's office, smile, and say "good morning." Even the professors that had never taught me ended up knowing me on a middle-name basis. They would ask about my studies, my family, my life. When I walked the halls, the office staff, professors, and even the dean knew who I was. These people had become my family. I told my friends from other schools about my experience at my college and they looked at me in disbelief. They were amazed that I had built such close relationships with the faculty. Today, as I sat in my classrooms one last time, and breathed in every last ounce of this season, I realized how privileged I have been to be a student of a community college.

I went to the school office today to tell the faculty goodbye, some of whom I've only talked to in passing. With tears in their eyes, each of them

hugged me and told me how proud they were, and gave me words of encouragement about walking into my next season. I never knew how far a smile and "good morning" could go.

I cried the day I left community college because that's exactly what my school is, a community. A community that has shaped me, taught me, encouraged me, and pushed me to be my very best. A community that saw me for more than just a number or a body in a classroom. A community of people that are obsessed with helping me, and others like me, pursue my dreams no matter what that takes.

Even if you don't go to community college, or any college at all, build relationships! It doesn't take much. Be kind, listen, and serve. I've learned that friends aren't always peers. Some of the greatest



Adelynn Whittington on graduation day with her family and friends.

relationships are built with people from completely different walks of life than you.

Even though this season is over, I will always represent my school, I will always be an advocate for community college education, and I will never forget where I came from.

Adelynn Grace Whittington is a graduate of NTCC's Connect To Success program at Southeastern Louisiana University in Hammond, LA. She graduated from NTCC as a Phi Theta Kappa Honor Society member with an Associate's Degree in General Studies in 2018 and is currently enrolled at Southeastern with a final goal of receiving a Master's Degree in social work. Read more about Grace on her blog, www.arrowdynamicblog.com



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Oh! The Places You Will Go!

COMMUNITY COLLEGE STUDENTS PARTICIPATE IN WATER MANAGEMENT STUDY ABROAD PROGRAM

Eight Students Travel to the Netherlands for Innovative Program

BY DR. DANIEL ROBERTS

Students from four local community and technical colleges recently participated in a 10-day study abroad program in the Netherlands with the Dutch Ministry of Environment and Infrastructure to study solutions to water management challenges in Greater New Orleans. Students studied strategies, structures, and organizations used by the Dutch to sustain long-term solutions to water management challenges, an issue of critical importance in South Louisiana.

Participants included Sam Carambat, Kelly Costanza, and Amal Khamees from Northshore Technical Community College; Britney Barrios and Jessica Delger from Fletcher Technical Community College; Chad Bourgeois and Jamar Hill from Delgado Community College; and Amanda Batista from Nunez Community College. The trip was led by Northshore Technical Community College faculty member Adam Meier.

This program was made possible through a partnership between Greater New Orleans, Inc. and the

Council on International Educational Exchange, a world leader in innovative study abroad programs. This program is vital for our region's water management sector, where over 50 percent of the jobs require only middle-skills yet are often overlooked as opportunities that offer advancement. Currently, the water management sector employs approximately 30,000 people in the Greater New Orleans region and is projected to grow 23 percent over the next ten years, with 13,632 projected job openings.





“This collaborative study abroad program to the Netherlands was an opportunity to learn how Louisianans can coexist with water.”

experiences with Hurricane Katrina,” said Mr. Meier.

“From visiting the 300-year-old windmills at Kinderdijk that still function to this very day to learning about the massive storm surge barrier Maeslantkering, which is the largest moving object in the world, I’ve learned so much about the different dike systems in Holland, and how we’re using similar methods at home for controlling the Mississippi. Being that this was my first time out of the country, this truly was a life changing experience that I can’t say thank you enough for the opportunity

to go,” said Carambat.

“The Dutch have a very long history with water management issues, and they did not accomplish the success that they currently have overnight,” said Costanza. “They have worked long and hard to implement a scientific approach with very high standards. Water management has always been about money, and the focus needs to change. In the end, the cost of damage control after a disaster far outweighs the cost of prevention. Especially when it comes to the irreplaceable lives that are lost. We need to take the Dutch approach and continue to

THE FIRST STUDY ABROAD GRANT

NTCC, located in St. Tammany, Washington, Tangipahoa, St. Helena, and Livingston parishes, was awarded a \$20,000 grant to support an innovative, faculty-led study abroad program in the United Arab Emirates in 2016. The CIEE Generation Study Abroad Grant was awarded by the Council on International Education Exchange and is the first of hopefully many study abroad programs for students attending Northshore Technical Community College.

“The Global Maritime Abroad Collaboration program is inspired by a progressive and transformative maritime collaboration between our college, our public school system, our regional university, and our maritime advisory consortium. The foundation of this proposal, by design, is centered on advancing global educational pathways that promote mentoring, service-learning, internship, and project-based experiments,” said William Wainwright, Ph.D., chancellor of Northshore Technical Community College. “Through this groundbreaking opportunity with CIEE, meaningful student engagement will lead to earned college credit through a scalable program that will impact our college, our community and technical college system, and our global economy.”



look ahead and plan for the future instead of waiting for the next big disaster to happen. There needs to be more focus on the educational and preventative measures by keeping the population aware of past, present, and future issues as well as the preventative measures that are necessary for everyone's safety."

Students wrapped up their 10



Massive storm surge barrier Maeslantkering, which is the largest moving object in the world.

days at the University of Amsterdam, giving presentations on the field of water management from their experiences in Louisiana and the Netherlands. In doing so, students were able to receive a Certificate on International Studies

from the Council on International Educational Exchange as well as credit in the course titled, "Introduction to History of Water Management from the United States and the Netherlands Perspectives."



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that we donated will be a great learning tool for these men and women who are training for their future.

I and everyone at Northshore Toyota look forward to our continued support of Northshore Technical Community College.



6 Penske and Northshore Technical Community College have built an outstanding partnership together.”

BY SPECIAL GUEST
CONTRIBUTOR, JOHN P.
HANNEY, GULF STATES
AREA RECRUITER,
PENSKE TRUCK LEASING

Penske Truck Leasing Co., L.P., headquartered in Reading, Pennsylvania, is a partnership of Penske Corporation, Penske Automotive Group, and Mitsui & Co., Ltd. Penske has also worked with Northshore Technical Community College offering its graduates fulfilling careers in the automotive industry. A leading glob-

al transportation services provider, Penske operates more than 260,000 vehicles, employs more than 29,000 people, and serves customers from more than 1,000 locations in North America, South America, Europe, Australia, and Asia. Product lines include full-service truck leasing, contract maintenance, commercial and consumer truck rentals, used truck sales, transportation and warehousing management and supply chain management solutions.

Today, so many high school graduates find themselves at a point where they are undecided about what to do with their lives. Some decide to join the military, others decide to attend a traditional college or university, and the rest just remain unsure and seem to find their way somehow. However, what most fail to realize is that it is extremely important to follow your passion and to find an industry and an organization that will be around for many years.

Penske and Northshore Technical Community College have built an outstanding partnership together. Through this partnership, we have hired several graduates and students from the automotive program to join our team in the great state of Louisiana. Although most of our equipment is heavy/diesel, we also hire automotive students/grads be-

cause of their in-depth knowledge with handling the technical, computerized aspects of the vehicle. We know that if we hire a sharp individual with a strong mechanical acumen, we can transition them to the diesel side of our product line. That is why we feel it is very important to keep the relationship strong with Northshore. According to the Bureau of Labor Statistics (BLS), diesel mechanics and technicians are in high demand across America, with approximately 242,200 technicians employed in the mechanic industry. The 2010 report predicts that the demand for mechanics is expected to increase by 15 percent between the years of 2010 and 2020, providing diesel (auto) technicians with 35,200 more job opportunities. What does this mean for the students and graduates at Northshore Technical Community College? It means representatives like myself from many other organizations will flock to the college campuses begging for recruits.

For more information about NTCC's Automotive Technology and Diesel Mechanic Programs, visit NorthshoreCollege.edu



TECHNICALLY SPEAKING....

AUTOMOTIVE

from local movers and shakers of business and industry



Northshore Technical Community College has offered training in automotive technology since its inception in 1965. The partnerships with the auto industry throughout the years have been vast and have attributed to the great successes of the auto program. Students enrolled in the auto program not only earn a technical diploma but work to earn ASE certifications while enrolled.

and maintenance. We will be able to advance the training our students receive," says Harold Vesper, Northshore Technical Community College (NTCC) Automotive Technology instructor. The vehicle, a 2008 Toyota Prius, will be the first hybrid added to the fleet of instructional vehicles for the college. Training equipment, like the hybrid vehicle, supports the mission of NTCC and directly impacts the success of the students enrolled in the Auto program.



FEATURED BUSINESSES: NORTHSHORE TOYOTA AND PENSKE TRUCK LEASING

On Wednesday, May 9, 2018, Kurt Hanks, Northshore Toyota General Manager, along with Michael Escude, Service Manager and Joey Petit, Parts Manager, visited the Hammond Campus of Northshore Technical Community College to announce the donation of a hybrid vehicle to the Automotive Technology program. "With the ever-changing developments in the auto industry, many manufacturers are going to a hybrid electric platform. The donation of this vehicle will allow our program to keep up with industry trends and needs for vehicle repair

BY SPECIAL GUEST CONTRIBUTOR, KURT HANKS, GENERAL MANAGER, NORTHSHORE TOYOTA

The automotive repair industry is facing many challenges going forward. In an era that is seeing technological advancements at a lightning fast speed, we struggle to meet the workforce demands of the industry. Here at Northshore Toyota we have seen the benefits of supporting Northshore Technical Community College. Our partnership allows us to better serve our customers and protect ourselves from talent evaporation. With each graduating class from Northshore Technical Community College, our industry strengthens because we have trained individuals joining the workforce.



These individuals can be placed directly into a position at Northshore Toyota that offers valuable work experience, support systems, and growth opportunities in the field of automotive repair. This ongoing partnership is very important to me and everyone at Northshore Toyota. We first opened our doors at Northshore Toyota in Covington back in 2002 and have seen the program at NTCC grow into a top-notch facility in recent years. Every person at NTCC should feel very proud of what they have accomplished.

We are very proud of our partnership with Northshore Technical Community College, the instructors and the students. The Toyota Hybrid

YOUiversity Life

SLU & NTCC partners for students' success

COURTESY OF SOUTHEASTERN COMMUNICATIONS

What began as an admissions bridge program concept between Southeastern Louisiana

University and Northshore Technical Community College is now considered a model 4-year/2-year partnership that has been emulated across the state and beyond. Since its implementation in 2012, Connect to Success has grown from a handful of students to an enrollment of over 600. In addition, there are over 300 current Southeastern students who initially enrolled with NTCC and were admitted to the university via the program. More than 20 students who began their collegiate careers at NTCC through Connect to Success have successfully transferred to Southeastern and earned baccalaureate degrees.

CONNECT TO SUCCESS IS FUNDAMENTALLY ABOUT EDUCATION.

"For prospective students who do not initially meet admission requirements for Southeastern after high school, Connect to Success was created to ensure their access to post-secondary education. Those students can potentially partake in Connect to Success and are able to begin their coursework with NTCC," said Southeastern President John L. Crain. "They may decide to earn an associate's degree or certification through NTCC. They can also transfer to Southeastern after meeting certain academic prerequisites and complete their studies with attainment of a bachelor's degree. No matter the path they choose, we just want to make sure they can benefit from post-secondary education."

Connect to Success graduate and current Southeastern student Adelynn Whittington is a perfect example. She

said that due to test anxiety, her ACT test scores did not meet Southeastern's requirements. Fortunately, a friend told Whittington about NTCC and the Connect to Success program.

"I applied to the program, was accepted, and enrolled soon after. I have no doubt that it was one of the best decisions I could have made," she said. "Northshore allowed me to take the developmental courses I needed to get to where I wanted to be."

Students are eligible to transfer to Southeastern through Connect to Success once they have achieved the appropriate level of developmental education courses of transferable 18 credit hours, including College Algebra and English Composition I.

In addition to the obvious academic benefits of the partnership, Connect to Success features aspects that blend the university experience for those enrolled in the program. For example, NTCC has a presence on Southeastern's main campus, where the university provides dedicated offices, computer lab and classroom space.

Students enrolled in the program are entitled to use Southeastern's

Textbook Rentals, which allows them to rent rather than purchase textbooks for their courses. They also have access to the university's computer labs, Student Union, food vendors, athletics events and other services. A new addition to the bevy of benefits offered to Connect to Success students is the ability to live in residence halls on Southeastern's campus. While a Connect to Success student is classified as an NTCC student, they still must meet Southeastern's housing requirements of being enrolled as a full-time student, meet set GPA housing requirements, and pay the same rates for room and board.

Connect to Success students also benefit from a joint admissions and registration process, as well as academic and career counseling throughout their enrollment.

"Connect to Success eases the transfer of credits and increases efficiency by sharing resources between Southeastern and NTCC," said Crain. "It's about providing education for students, whether at NTCC or Southeastern."

For more information about
ConnectTo Success, call 985-549-5142



PARTNERS IN EDUCATION - Math Instructor Kristen Bell, left, works with student Maxie Guillot of Baton Rouge during her Developmental Math I class. The Connect to Success course is one of many taught on Southeastern Louisiana University's campus.

NTCC PATHWAYS to Building Futures

In April, Jay Bertholot attended NTCC's Chancellor's Sunrise Breakfast to receive two scholarships. In front of business partners and scholarship donors, Jay accepted his awards with pride and gratitude: pride with knowing how hard he had worked over the past year and gratitude towards the scholarship donors who believe in his future success as an engineer.

Jay is enrolled in the Engineering Transfer Pathway with UNO at NTCC, one of many programs that allow students to take courses at NTCC and then transfer to four-year universities. Jay chose NTCC because, "I knew I needed to start somewhere. As an older student, I needed to build my confidence with smaller classes before transitioning to a university." As a military veteran, Jay was trained in skills of Refrigeration during his stay in the Marine Corps. This military training led Jay to a civilian career in HVAC.

The Engineering Pathway at UNO affords me the opportunity to advance my skills within a high demand, high wage career."

Jay went to California over the summer to participate in the Veterans Sustainable Agriculture Training Program. With prior experience in HVAC



and his forthcoming bachelor's degree in Mechanical Engineering, Jay aspires to assist in the consultation and management of indoor agricultural facilities by improving air quality and control to produce better products for consumers.

Jay's experience at NTCC has been positive. "NTCC wants everyone to come through its doors and succeed, whether that means going to a university or entering the workforce."

Recently after giving an elevator pitch about a business start-up, Jay was approached by a buyer from a large health foods supermarket saying, "You look at this venture like it's bigger than life!" To which Jay replied, "That's the way it's supposed to be."



Northshore Technical Community College offers a growing list of major- and university-specific pathways established directly with individual institutions. These University Transfer Pathways help students plan for entry into specific programs while attending NTCC. A current list of pathways includes:

- Franciscan Missionaries of Our Lady University
- Health Professions Transfer Pathway
- North Oaks School of Radiologic Technology
- Radiologic Technology Transfer Pathway
- Northwestern State University
- Criminal Justice 2+2 Transfer Pathway
- Southeastern Louisiana University
- Pathways in Biological Sciences, Business, and Computer Science
- University of Holy Cross
- Pathways in Biologic and Physical Sciences, Business Administration, Allied Health, and Nursing
- University of New Orleans
- Pathways in Engineering, Interdisciplinary Studies, and Urban Studies
- University of Southern Mississippi (USM)
- Applied Technology Transfer Pathway

For more information on University Pathways please visit www.NorthshoreCollege.edu

ALLIED HEALTH

Innovative Partnership

BETWEEN OCHSNER AND NTCC

NTCC is working with Ochsner Health System on a one-of-a-kind program training Medical Assistants (MAs) to become Licensed Practical Nurses (LPNs). The program is unique because it allows MAs currently employed with Ochsner to continue working while enrolled in practical nursing courses. "Lecture classes are offered in the afternoons, two days each week, which allows students to work as MAs during the morning hours," explained Lori Sterling, the NTCC Lead Instructor overseeing the program. Sterling further explained that students in the program complete their clinical training two other days each week. By attending courses and clinical training continuously every week, students will complete the program in about a year. The location of classes is another unique aspect of the program. To accommodate the needs of working students, NTCC instructors teach lecture classes and skills practice labs at a centrally located Ochsner facility on the Northshore. Sterling stated, "We take the training to the students instead of having the students come to our campus." Removing as many barriers as possible and supporting students while they learn is key to the success of the program.



BACKGROUND ON HOW THE PROGRAM EVOLVED

In 2016, the Louisiana Workforce Commission (LWC) received a \$1.5 million-dollar grant from the U.S. Department of Labor to increase the number of apprenticeship programs in the state over a 3-year period. The LWC designated Ochsner Health System as an Employer Sponsor for a portion of the grant targeting healthcare workers. The funds from the grant will help incumbent workers increase their knowledge and move-up to the next level of their career path, all while continuing to work and earn an income. Ochsner specifically identified a need for more LPNs to work in medical clinics. To meet this need, Ochsner proposed creating an apprenticeship program to educate and train incumbent MAs as LPNs.

NTCC OFFERED THE BEST FIT

NTCC was a logical partner for Ochsner in creating this unique program. NTCC has a long history of training LPNs at three of its campuses: The Florida Parishes Campus in Greensburg, the Hammond Area Campus in Hammond, and the Sullivan Campus in Bogalusa. Working closely with representatives from Ochsner, the unique MA-to-LPN Apprenticeship Program took about a year to plan, obtain approval from the Louisiana State Board of Practical Nurse Examiners, and for Ochsner to recruit qualified students. Classes for the initial cohort of students enrolled in the program began on March 15, 2018.



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STEM OUTREACH AT NTCC

FOR MORE INFORMATION, VISIT
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 TO BOOK A STEM OUTREACH PROGRAM, CALL
 985-545-1500 OR EMAIL: STEM@NORTHSHORECOLLEGE.EDU

STEM AT NORTHSHORE TECHNICAL COMMUNITY COLLEGE

Northshore's STEM programs seek to improve access to STEM education and inspire students, working professionals, and the public at large to explore STEM subjects and careers and prepare for the jobs of the future. From outreach initiatives like STARLAB® and summer youth camps to advanced training in areas such as maritime, electrical industries, healthcare, and information technology, STEM is interwoven with all of NTCC's programs. "Increasing access to STEM literacy gives participants the keys to open doors of opportunity in the future," says interim director of STEM, Chuck Crabtree.



NORTHSHORE'S TRAVELING STARLAB OUTREACH PROGRAM BRINGS AN INFLATABLE DIGITAL PLANETARIUM TO SCHOOLS, LIBRARIES AND MUSEUMS.

STARLAB® OUTREACH PROGRAM

This spring marked the launch of Northshore's STARLAB® outreach program featuring a portable digital planetarium with customizable K-12 STEM lessons, as well as special events for all audiences. STARLAB® puts the universe into motion and provides students with the opportunity to engage in space science in exciting new ways. With this digital planetarium system, it is possible to

STUDENTS AT BAYOU LACOMBE MIDDLE SCHOOL PREPARE TO BE TRANSPORTED ON A TOUR OF THE SOLAR SYSTEM.



"zoom" to Mars, observe rare celestial events, and view the sky from any location on Earth at any time in history.

In April, STARLAB® visited the West 30s Block Party in Covington where participants toured the solar system.

In May, the planetarium voyaged to Lake Castle Slidell; Bayou LaCombe Middle School and Dad's Night at Madisonville Junior High. Summer events included special events at Hammond Branch Library, Nunez Community College and the Lake Pontchartrain Basin Maritime Museum.

This fall, STARLAB® will visit several schools in St. Tammany and Tangipahoa Parish, with the goal of inspiring more students to learn about STEM, work diligently and reach for the stars.

SUMMER YOUTH CAMPS

This summer, NTCC hosted three STEM youth camps: Astro Camp® at Lacombe for 5th-7th grade students from June 11-15; Astro Camp® at Bogalusa for 5th-7th grade girls from June 18-22; and Escape to STEM: Outbreak in Lacombe for 7th-10th graders, from June 25-29.

The campers, instructors, family, and friends participating in Astro Camps® at Lacombe and Bogalusa enjoyed hands-on space-related STEM activities including making a

ASTRO CAMP® PARTICIPANTS VIEW THE SUN THROUGH A 6 INCH DOBSONIAN TELESCOPE OUTFITTED WITH A SPECIAL SOLAR FILTER.



mission patch; constructing a scale solar system model and building a solar oven, biosphere, water filter, and a model of the International Space Station. Campers also trained like astronauts on an outdoor obstacle course, designed a Mars suit, and simulated a communications delay for a mission to Mars. Families also enjoyed viewing the rocket launch, which featured 3D-printed model rocket parts. Both camps culminated in field trips to the Infinity Science Center and NASA Stennis Space Center.



CAMPERS USED TEST STRIPS TO DETERMINE THE PH OF SEVERAL LIQUIDS AND TESTED THEIR HYPOTHESES ABOUT A MYSTERY SAMPLE.

During Escape to STEM: Outbreak, campers battled a fictional virus while engaging in hands-on science lessons throughout the week. They completed pH testing, conducted clean-room procedures, cracked a DNA code, and tracked a worldwide spread of influenza—all on the first day of camp! As the week progressed, camp activities included gram staining bacteria, fingerprinting DNA using electrophoresis gels, testing water quality, dissecting earthworms, isolating fruit DNA, and making candy DNA models. Campers enjoyed visits by members of St. Tammany Fire District #3 and the District #4 Hazardous Materials Response Team. They also took a field trip to St. Tammany Parish Coroner's Office, where they learned about forensic science. On the final day of camp, two teams competed in an escape room-type race against the clock to decode a message. Then, they worked in pairs to make a short video highlighting the week's experiences.

How Economic Development Works in ST. TAMMANY

BY JULIE LANDRY

Economic development organizations (EDOs) work to attract and retain employment opportunities because residents and business owners alike benefit from the enhanced livelihoods that follow business growth.

The St. Tammany Parish Development District (STPDD) is an EDO that was created by the Legislature in 1992 to advance sustainable commerce. In 2018, STPDD expanded its capacity to become the lead EDO in St. Tammany.

STPDD now serves as a resource center for business and community leaders. We connect employers with available properties to accommodate their growth; economic and demographic reports to inform their decisions; business counseling to address identified obstacles; and



strategic partners to facilitate hiring and training initiatives.

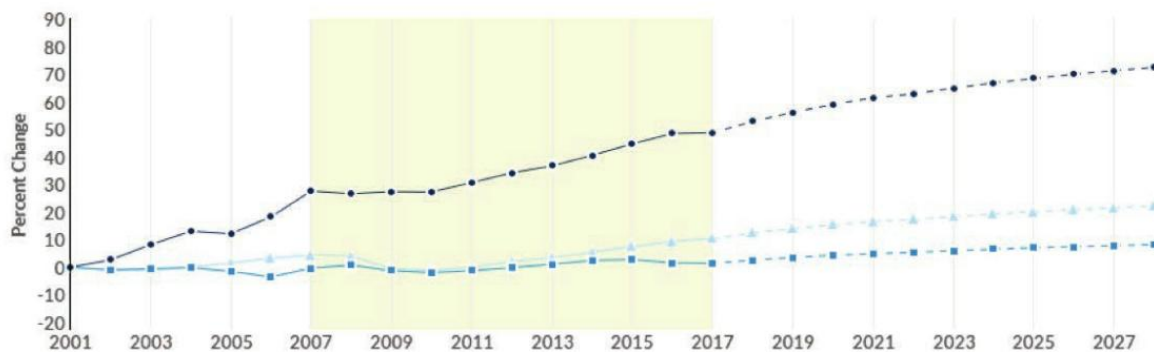
In the last decade, the total wages earned in St. Tammany increased by 50 percent. By 2027, the number of jobs should increase by 15 percent. Thanks to local business growth, St. Tammany residents will

have access to more employment opportunities at higher wages.

Economic development works in St. Tammany—and if we're working, you will too.

For more information, visit STPDD.org and explore our interactive data center.

JOB GROWTH



Source: Emsi

pretty much, on a whim. I didn't know anyone here and trying to figure out how to start our lives over in a strange state was scary, intimidating, and hard. I heard about NTCC offering free adult education classes while volunteering at my son's school. I immediately signed up. I won't lie. The struggle was real. But one of the best parts about the class was that I was not alone. Everyone in that class had the same goal, and this goal brought us together as friends but also as each other's supporters. Being in the class showed many of us that we can achieve anything. We knew we could do more and be more. Among us sat future doctors, nurses, vets, mechanics, and perhaps a future teacher-the thing I wanted to be most in the world!

I started taking Child Care and Development college courses with a 5 for 6 Scholarship offered at NTCC in the spring of 2017, five months before I even earned my high school equivalency diploma (HiSET). Being in

the college setting, an ACTUAL college student, motivated me more than ever to get my HiSET! But the Scholarship has done wonders for me more than just providing motivation. Because of the 5 for 6 opportunity, I was able to pay for college! Financially, I didn't think I would be able to afford college. The Scholarship took that worry and stress away. The scholarship program also gave me confidence that I WILL BE the first person in my family to earn a college degree!

My academic success does not stop with just me, the 5 for 6 Scholarship has affected my entire family. My husband is my biggest fan, and the bond we share has strengthened us as we both work hard to achieve my dreams! My son has gone from a C-D student to an A-B student. My third-grader is excited and focused in school, making sure that all of his projects are done perfectly. My daughter, once anti-social, has blossomed into a social butterfly. I am ex-



tremely proud of my children for all their hard work and accomplishments, but I know that seeing Mommy work hard to pursue her education and dream has had a HUGE impact on them. I'm proud that two great examples for my children are right at home: my husband and myself.

Earning the Hi-SET and receiving the 5 for 6 Scholarship is an opportunity for people of all ages to take their lives into their own hands, put the pen in their hands and write their own story, just like I continue to write mine.

Meet Our Covington Team

EXPERIENCE OUR HIGH TECH, LOCAL TOUCH.



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DRIVE UP:

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Workforce Industry & Education

WHEN WE WORK TOGETHER, WE GROW TOGETHER

BY ASHLEY LLEWELLYN



By analyzing employment, economic, and demographic trends, educational facilities are able to refine program curriculum to generate the workers that employers need. By communicating job requirements and expectations to local educators, industry leaders ensure students receive the most applicable training.

Much time is spent asking students, "What do you want to be when you grow up?" But through our workforce development initiatives, we ask employers what jobs will be available when students enter the job market. We work to share that information with students early and often, so whenever asked that perennial question, they know the variety of careers offered in their own backyard.

Thanks to workforce development, no matter what career most interests you, it's possible for you to get there—from right here in St. Tammany.

Students want an education that prepares them to work in local industry. Northshore Technical Community College wants to produce students with the best chances of securing local employment, and local employers want job candidates with the right training to fill the right jobs.

At the St. Tammany Parish Development District, we help our workforce, industry, and education partners collaborate to achieve those mutual goals. By working together, these partners can grow a local talent pool prepared for real opportunities both regionally and globally.

Our people are our

greatest asset, our most significant competitive advantage when attracting or expanding industry. In recognition of their value, STPDD facilitates people-centered dialogues among representatives of K-12, two-year, and four-year institutions; workforce development advocates; and industry employers. These dialogues often determine or re-determine the content of education and training programs.

That consistent and timely communication is imperative for collaborative growth, but implementation must follow the dialogue. No amount of conversation will produce results unless we follow-up and follow-through with action.

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ADULT EDUCATION

BY CHRISTINA MOLLAND

Louisiana Community and Technical College System's Scholarship Student Representative

“Being an actual college student motivated me more than ever to get my HiSet.”

The following is the story of current NTCC college student and WorkReady U graduate, Christina Molland. She wrote and presented her story at the 2017 Bellwether Awards as the Louisiana Community and Technical College System's 5 for 6 Scholarship student representative.

I'd like to tell you my story how the NTCC adult education program, WorkReady U, is helping me pursue my dreams of becoming a teacher. My present success has not been an easy road. As a 14-year-old teenager, I was hit with the news that my parents were getting a divorce. Four years later, just as I was getting comfortable with the divorce, the person who mattered the most to me, my Ingang (my Filipino Grandma), lost her life to bone cancer and my family had to fly to the Philippines to say our last goodbyes. Her passing caused me physical pain, and I struggled to remain calm and healthy. I needed to remain healthy because, even though my family didn't know at the time, I was pregnant with my first child.

So...there I was...a grieving 18-year-old single mother confused about life, and high school was the last thing on my mind. On top of trying to support myself and my son, I became the primary caregiver for my Daddy. With only five credits away from getting my high school diploma, I dropped out.

When my son was 1 ½ years old, I met my husband, Chad. We were married after six months of dating, but our honeymoon phase was short



The scholarship program also gave me confidence that I WILL BE the first person in my family to earn a college degree!

lived. In fact, we never got to experience it at all. After two weeks of being married, my husband received his Marine military orders to go overseas to Iraq. Without my husband by my side, I essentially became a single mother once again. Prior to his leaving, I was trying to go back to school, but after he left, the people in my life kept telling me that it wasn't possible, that "my life was over and I would NEVER get it back!" Those were actual words spoken to me.

The only encouraging support I had with going back to school was my Daddy. He kept urging me to go back to school. But it felt like life always got in the way. And Life struck again in 2013 when my Dad lost his battle with lung cancer. On his death bed, I made him the biggest promise of my life: that if it took me a million years, I would get my diploma.

Fast forward to 2015...I made the BIG move to Louisiana from California. My husband and I moved to Louisiana,



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