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On behalf of the entire Delaware Tech community, please join me in congratulating the members of the Class of 2013 who received their well-earned degrees during the recent commencement ceremonies held on May 20, 21, and 22. Our graduates have been well prepared for jobs in high-demand fields like healthcare, information technology and education, and we know each of them is destined for success.

As you may know, connecting Delawareans with jobs and student success have been the College’s top priorities. Since 2011, we’ve launched fifteen new degree, certificate and short-term training programs that provide the hands-on training that local employers are looking for – programs like surgical technology, energy management, and information security. This has only been possible thanks to the efforts of countless faculty and staff who are dedicated to providing opportunities for our students to pursue successful careers. And to make sure that our students are reaching their academic goals in all of our programs, we recently signed the National Call to Action, joining nearly 70 other community colleges in a commitment to raise graduation rates 50 percent by 2020.

As our 2013 graduates enter a new phase of their lives, we hope they’ll realize this is not the end of their Delaware Tech experience, but rather the beginning of a new, ongoing relationship with their alma mater. As I travel up and down the state, I meet so many graduates and friends of the College who serve as an inspiration to all of us by getting involved and giving back. They attend campus events, join our alumni association, volunteer their time and expertise at our annual fundraisers, and support the College’s Educational Foundation. As many of you have so aptly demonstrated, giving back – no matter what form it takes – is vitally important to the College, to our students and to our communities.

Thank you!

Orlando J. George, Jr.
President
MESSAGE FROM ALUMNI PRESIDENTS

First, we must echo the words of our college president: “Congratulations to the Class of 2013!” And as they begin a new chapter, so does their College alumni association.

Delaware Tech’s three alumni chapters – representing the Owens, Terry and Stanton/Wilmington Campuses – have joined forces to create a stronger, more unified collegewide alumni association. You’ll find that this and future editions of Delaware Tech will reflect a one college perspective with articles highlighting events, activities and initiatives from across the College.

As chapter presidents, we are excited to collaborate more closely to strengthen ties not just between our members but between the College and its alumni, so we believe it’s important to take a moment to reaffirm our commitment to graduates. Delaware Tech’s new collegewide alumni association is committed to the same values that shape our promise to students…Access, Opportunity, Excellence and Hope:

Access: As students graduate and become alumni, access to their community college continues…access to campus services like our career centers and libraries.

Opportunity: The College is working to expand opportunities for its alumni and friends to engage with the College and one another through this publication, our Facebook sites (Friend us!), and our website. There are also opportunities to become more actively involved including attending or volunteering at campus events like new student orientation, graduation, and our annual 5K races and galas.

Excellence and Hope: As graduates who have greatly benefited from our Delaware Tech education, we encourage our fellow alumni and friends to help financially support today’s students. Any level of contribution – no matter how small – helps the College carry on a tradition of excellence in education and a legacy of providing students with hope that they can achieve their academic goals.

The future of Delaware Tech and its alumni association is bright and exciting, and we encourage all alumni and friends of the College to get connected and get involved…there has never been a better time!

STATEMENT OF NONDISCRIMINATION POLICY
It is the policy of the College that no person shall, on the basis of race, color, creed, sex, national origin, age disability, sexual orientation (defined exclusively as heterosexuality, homosexuality, or bisexuality), or genetic information be subjected to any discrimination prohibited by the Civil Rights Act of 1964, as amended; the Age Discrimination in Employment Act, as amended; Americans with Disabilities Act, as amended; Section 504 of the Rehabilitation Act of 1973; Title IX of the Educational Amendments of 1972; the Genetic Information Nondiscrimination Act of 2008 and other applicable laws, regulations and Executive Orders. This policy applies to recruitment, employment and subsequent placement, training, promotion, compensation, continuation, probation, discharge and other terms and conditions of employment over which the College has jurisdiction as well as to all educational programs and activities. The College has designated a Civil Rights Coordinator, who serves as the College’s Title IX Coordinator and the College’s ADA/Section 504 Coordinator, to carry out its commitment to equal opportunity and nondiscrimination. Inquiries or complaints by students or employees regarding the College’s nondiscrimination policies may be addressed to: Barbara Mignon Weatherly, Esq. Civil Rights Coordinator, Office of the President, P.O. Box 897, Dover, DE, 19903, (302) 739-6356, civilrights@dtcc.edu
Get involved!
Become active in the Alumni Association

The mission of the Delaware Tech Alumni Association is to generate a sense of identity, loyalty and commitment toward the institution, its students, graduates and the communities it serves. The Alumni Association collaborates with the College to maintain the excellence of existing programs, highlight the Colleges’ achievements and achievers, and meet the ever-changing and expanding needs of the College.

Benefits of being active in the Alumni Association
- Connect with fellow alumni
- Make an impact by sharing your ideas and knowledge
- Provide internship opportunities for students
- Use the campus library, career services and fitness center (with a valid alumni ID)

Connect with a Campus Near You
Owens Campus  (302) 855-1607
Terry Campus  (302) 857-1125
Stanton and Wilmington Campus  (302) 453-3722
Professional tennis player Arthur Ashe once said, “From what we get, we can make a living; what we give, however, makes a life.” Delaware Tech students are learning this lesson on a regular basis through a wide variety of service learning projects statewide.

Service learning is a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities. The College offers a student success course called Introduction to Service Learning that provides students with community service ideas and opportunities while helping them learn the value of civic engagement.

Stuff the Bus is one example of a student project that has a profound impact on the community. Culinary arts students at the Terry Campus collaborate with DART First State to fill a bus with edible contributions for the Food Bank of Delaware. “Our students embrace the opportunity to feed people,” said Chef Ed Hennessy, department chair for culinary arts. “This year, the students wanted to focus on nutritional choices so they used the money earned through the Culinary Arts Club to buy healthy, non-perishable food items like canned vegetables and fruit.”

A wide variety of service projects exist at every campus and include everything from planting trees to cleaning up our beaches to making blankets for children who are ill or traumatized. The efforts can be linked to a program of study, such as nursing students providing health screenings or agriculture students planting trees. Others are initiated by student clubs. Alpha Beta Gamma, the business students’ honor society, donates stockings filled with toys to the Salvation Army every Christmas. And some are the result of employees or students rallying volunteers to their cause. A team at the Terry Campus participates in the Annual Dash for Organ and Tissue Donor Awareness in Philadelphia each spring inspired by Lloyd Saba, their mail room manager, who was an organ donor recipient.

“Our service learning initiatives are successful because the divisions of instruction and student services work collaboratively to provide resources and

The Vanguard Society and Dean of Students Regan Hicks-Goldstein volunteered at the Delaware Food Bank. The Vanguard Society is a student organization of diverse male students at Delaware Tech who are community conscious and driven to raise social and self-awareness.

The Architectural & Civil Engineering Club at the Terry Campus, with advisor Dr. Reginald Chandler, participates in two Habitat for Humanity projects a year.
experiences for our students to engage with our local community,” said Jennifer Blackwell, academic counselor/civic and community engagement coordinator at the Owens Campus. “And many of our community partners have expressed that when they see volunteer or service hours on a candidate’s resume when making a hiring decision, they are more likely to consider that candidate over one who has sought paid employment because of the drive and dedication it takes to volunteer one’s time.”

Another example of a successful project was created by a group of students enrolled in the Occupational Therapy Assistant (OTA) program at the Stanton and Wilmington Campus. Last fall, a group of 13 OTA students engaged participants in Chimes, Delaware’s Communication Activities Recreation Exercise Services (C.A.R.E.S.) program, in a special class project. C.A.R.E.S. offers opportunities for community inclusion, sensory stimulation, daily living skills and health education, and fitness promotion.

The first thing the students did was assess their varying needs from an occupational therapy standpoint. In December, when the students returned to C.A.R.E.S., they brought a variety of creative materials they had designed and constructed to improve the gross and fine motor skills and eye-hand coordination needs demonstrated in the assessments. There were bowling pins made from plastic water bottles, a handmade ring toss, a shopping game made from grocery store circulars and even paper dolls that needed to be dressed.

Counselors at Delaware Tech see a bright future for initiatives designed to get students involved in community service projects. “Service learning will continue to grow over the coming years,” said Blackwell. “I am thankful to be in a position to help connect students with these opportunities.”

Owens Campus students helped make fleece blankets as part of Project Linus that will be distributed to first responders across Sussex County by a local non-profit organization.

Delaware Tech was proud to host Give Kids a Smile again at The Dental Group in Lewes, Delaware. Give Kids a Smile is a program that provides free dental care to children from low-income families.

Delaware Tech mascot “Terry Hawk” is on hand each year to see to it that no one goes hungry for the holidays. Terry Campus students participated in their fourth “Stuff the Bus!” event at the Acme, North Dover Center in the fall.
When John Przybylski graduated from high school, he knew he wanted to pursue a career in the medical field. But a series of life events laid out a different path for him. He ended up training as a hair stylist and joining a salon where he worked as a stylist and manager for 23 years. His dream of medicine was not forgotten, however. He incorporated it into his job by starting a charitable program that provides education about dealing with the outwardly visible signs of cancer treatment to those affected by the disease. He also fielded medical questions from family and friends on a regular basis. “I told them I wasn’t a doctor,” he says. “But they always called me back to tell me I was right on with my diagnosis.”

Finally one day, he decided it was time to put his dream into action. He decided he wanted to become a Physician Assistant (PA), chose the school he wanted to attend, and found out what would be needed to get there. He then enrolled in classes at Delaware Tech to fulfill the prerequisites for Drexel University’s Hahnemann Physician Assistant program. Over the next four years, he took two classes per semester, while continuing to work full time at the salon to support his family. He maintained a 4.0 and earned a Campus Director’s Scholarship. While at Delaware Tech he formed many bonds with the faculty and staff at the school. He still keeps in touch with many of these people today, and credits them with making his time at Delaware Tech a pleasure. “I wish I could have taken all of my classes at Delaware Tech,” he says. “It was a great education, and the classes prepared me well for my studies at Drexel.”

In fact, with just the classes from Delaware Tech under his belt, he was able to secure one of 90 spots in the Physician Assistant program at Drexel out of a pool of about 1,700 applicants. “The support I got at Delaware Tech gave me the tools I needed to succeed.” He mentions the scholarship opportunities, writing center, math lab and mentoring as key strengths that Delaware Tech offers students. “It’s affordable, it was convenient, and it worked with my schedule,” he says. “I never could have done it if these pieces hadn’t all come together.”

After three-and-a-half years in the Physician Assistant program, John graduated with honors, passed the boards, and accepted a job at Christina Care Health System as a surgical physician assistant in February of this year. It was the culmination of an eight-year journey that he says was only made possible by the strong support of his family. “They will never know how much they mean to me.” He is especially proud of his daughter who graduated from Padua Academy during his studies and went on to college, majoring in biology at the University of Delaware. “She attends classes at Delaware Tech in the summer,” he says, “because of how positive my experience was.”

John says he loves his current career and feels like he is finally where he is supposed to be. Recently he assisted in a surgery for a woman who had battled breast cancer. She remembered him helping her with a wig in the salon where he worked more than a decade ago. “Sometimes there are just signs that tell you you’re in the right place at the right time,” he says.
A s executive director of the First State Community Action Agency in Georgetown, Bernice Edwards often tells people, “If you have a dream and you’ve set your goal, don’t let anything deter you from achieving it. You might not reach it right away, but keep persevering, and it will happen.” Her clients take her seriously because Bernice doesn’t just talk the talk. She’s walked the walk.

At 38 years old, she sat down with her husband and two teenagers and told them she wanted to go to college. She needed their cooperation to make it happen, and they wholeheartedly agreed. Having started at the First State Community Action Agency (First State CAA) as a Head Start parent volunteer and then as an employee working in community outreach, Bernice knew that human services was the degree for her. First State CAA works with individuals and communities to overcome the challenges of unemployment, homelessness, substandard living conditions and hunger.

“I was really nervous to go back to school at first,” said Bernice. “But two people at the Owens Campus, Richard Windsor and Ray Lord, helped me navigate the process. I remember the day Richard said to me, ‘You can do it. Don’t think that you can’t.’ He helped me with my financial aid, and Ray helped me design my class schedule. He was also my first teacher.”

She knew that Delaware Tech was the perfect option for a working wife and mother. And as she worked her way up through the ranks at First State CAA, she finished her bachelor’s degree in behavioral science at Wilmington University.

In addition to her education, the fact that she held a variety of jobs at the agency helped her in her role as executive director, a job she has held for eight years. “It was definitely good having that experience because I have sincere empathy for those that we’re helping. I’m not talking about sympathy. When you have empathy, you can really feel their feelings. Being sorry for them doesn’t help them get out of the situation they’re in,” said Bernice. “Also I know what each job requires, and I wouldn’t ask my staff, which is a very dedicated group of people, to do anything I wouldn’t do.”

She was presented in 2004 with Delaware Tech’s Distinguished Alumni Award, an honor that recognizes graduates who have made significant contributions to their communities through their academic and career achievements, community service, and personal accomplishments. As a result, her name is etched on a plaque on the campus “Walk of Success” sidewalk outside the Student Services Center.

Bernice also maintains deep ties to her community through a variety of activities outside of her role at First State CAA. In addition to serving on the Owens Campus Alumni Board, she is active in her church, Friendship Baptist Church in Lewes. Bernice also is a member of the Sussex County Alumnae Chapter of Delta Sigma Theta, Milton Lions Club, Georgetown Chamber of Commerce, Sunshine Circle Club, and Georgetown-Millsboro Rotary Club. She serves on the Governor’s Equal Opportunity Commission, the State Human Relations Commission, the Board of Trustees of the Rehoboth Art League, and the First State Community Loan Fund Board. She is also a recipient of the Martin Luther King Jr. Community Service Award.

Even though she’s been working in human services for many years now, Bernice still feels a passion for her job. “It’s very exhausting work, but when I see someone reach a milestone that they haven’t been able to achieve before, it’s all worth it.”

Alumni Spotlight
Bernice Edwards

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"The learning community was interesting because we ran weather simulations on our computer model to determine ways the school could save on energy costs. The work we did is identical to what we could be doing in the real world as a career."

- Jake Biggs, “Building Specialist” learning community

A learning community is a combination of courses linked together around a common topic or theme with assignments that cut across courses. Students enrolled in the learning community all take the linked courses together — creating a community of learners.

Instructors work together to teach students in the learning communities with ongoing collaboration and cross-instruction throughout the semester. The faculty “team” approach provides an educational experience that connects learning across subjects.

Studies across the nation have shown that learning communities improve learning and student success. While this is reason enough, students also say that they get to know their classmates and instructors better, and they enjoy the classes more than individual “stand-alone” courses.

Research also indicates that students are more likely to stay in college when the learning experience is meaningful, engaging, and relevant to their lives.

This instructional model was put into place at Delaware Tech in 2009, and its success has resulted in the creation of 72 learning communities collegewide.

Many of the College’s learning communities are developed as part of a program of study or consist of required courses. Some first-year learning communities include a student success course — another proven best practice for success in college.

One example of a popular learning community is called “Brewing Up a..."
Students in the “Brewing Up a Business Career” learning community tour a Delaware business and read a local entrepreneur’s book as part of their coursework.

Business Career.” It is designed for business students who together take Introduction to Business, Critical Reading and Thinking, and a student success course.

Students read the book “Brewing Up a Business” by Delaware entrepreneur Sam Calagione which is discussed in all three of their courses from varying perspectives, and tour Dogfish Head Brewery to learn first-hand about the company. Ultimately, students develop their own career plan after researching a wide variety of fields.

Additional learning communities that link courses in a specific major with general education courses and/or a student success courses include “Putting the FUNdamentals in English” (reading/English), “Bookworm and the Brain” (reading/psychology), “So... You Think You Can Teach” (education/English), and “You’ve Been Hacked” (computer information/math), “Communication and the Path to Justice” (criminal justice/English), and “Policy and Pen” (political science/English).

The College also has created learning communities for second-year courses, and courses that are required in a major. Examples include “Bugs and Drugs” (biology/chemistry), “Building Specialist” (energy), and “It’s More Than Black and White” (dental hygiene).

By offering this instructional model, Delaware Tech is demonstrating its commitment to student success as evidenced by the commitment to invest in the resources to “do it right.” In fact, instructors from Delaware Tech have attended national training and visited other colleges who have been successful with this initiative.

In addition, funding from the Trade Adjustment Assistance Community College Career Training (TAACCCT) grant program has contributed to the creation of learning communities and professional development for faculty members.

To learn more about all of the learning communities offered this fall, contact a Delaware Tech campus nearest you or visit www.dtcc.edu/academics/alternative-learning-options/learning-communities.
CHAMPIONS OF UNDERGRADUATE RESEARCH
When most people think about community college, research isn’t the first thing that comes to mind. But Dr. Virginia Balke, biology and chemistry instructor, and her students don’t let that stop them. Four years ago, a student approached her about starting a biochem club and conducting research projects. The idea snowballed from there and what began as a Friday afternoon club project has evolved into a thriving research hub with multiple experiments going on at once. Visit the chemistry and biology labs on any day of the week, and you will find students mixing, examining and measuring as they solve scientific problems.

Dr. Balke saw tremendous possibilities in what she observed happening in these labs, and in 2010 applied for and won a National Science Foundation Advanced Technological Education grant titled SITE SMART (Serving Industry through Education: Student Mentoring and Research Techniques). The grant supported the establishment of a long-term sustainable undergraduate research program at Delaware Tech’s Stanton Campus, giving even more students opportunities to conduct undergraduate research. Dr. Balke also is working with other colleges and all campuses of Delaware Tech to share what she has learned.

Dr. Balke’s work has not gone unnoticed. She was recently honored with the Delaware Bio Educator of the Year award in part for integrating student research into her classrooms and creating a hands-on approach that helps students see science in action. Dr. John McDowell, an instructor who joined Delaware Tech recently, says this approach is something that attracted him to the College. “I was impressed by the undergraduate research that was going on at Delaware Tech,” he said. “Science can be very abstract, and this brings it down to size. It’s a big step in our students becoming independent scientists.”

One such student who is well on her way is Kaliopi Bousses, a second-year student studying biological sciences at Delaware Tech. She discovered the undergraduate research program through an Introduction to Research class which culminated in a department poster session. Bousses participated in the department of biology and chemistry’s 2nd Annual Student Research Poster Session in December 2012, along with 13 other students who competed for monetary prizes provided by Fraunhofer Center for Molecular Biotechnology.

Bousses joined Dr. Balke at the National Conference for Undergraduate Research in April to present her research poster, which centers on DNA barcoding to determine the diet of the big brown bat.

Bousses and four other students also joined Dr. Balke at an annual conference sponsored by Community College Undergraduate Research Initiative, an organization that seeks to promote research programs such as the one at Delaware Tech.

“The opportunity to participate in these types of conferences allows me to meet so many scientists and figure out what I might want to do in the future,” Bousses says. For now, she plans to continue on for her bachelor’s degree in molecular biology and genetics through a Connected Degree program with the University of Delaware. She believes the education she received at Delaware Tech will serve her well in her academic and professional career. “Small class sizes, study groups, great instructors, and the relationships I have built are all priceless things I have experienced at Delaware Tech,” she says.

Dr. Balke is inspired by students like Bousses to keep the research program going and share her experiences with others. Drs. Balke and McDowell recently presented a poster at the American Society for Microbiology Conference for Undergraduate Education titled, “Using Undergraduate Research in Microbiology and Biotechnology Courses to Improve Student Engagement and Critical Thinking Skills.” Back at Delaware Tech, she need look no further than the lab down the hall from her office to see her poster in scientific action.
Delaware Tech is helping to train the next generation of workers in science, technology, engineering and math (STEM) by offering nearly 50 youth camps that focus on these fields. By making learning fun and interactive, kids may consider building a future career in one of these disciplines.

STEM education is sweeping the country as an issue of national importance. According to both the United States National Research Council and the National Science Foundation, STEM fields are the backbone of a strong economy, an advanced workforce and our country’s efforts to create a more sustainable society.

In support of Governor Markell’s STEM initiative in Delaware, the College is expected to serve approximately 1,000 students statewide this summer.

Delaware Tech’s STEM-related camps, include Mythbusters, a popular camp in which kids use creative, out-of-the-box thinking to solve mysteries. A Robo-camp focuses on engineering and manufacturing and is co-sponsored by DEMEP (Delaware Manufacturing Extension Partnership).

Innovative camps such as Crime Scene Investigation, Little Scientists, Magical Travel into the Human Body, Sid the Science Kid Comes to Kamp, Video Games: Behind the Scenes, and Wonders of Web Design are all designed for fun and to stimulate interest in STEM areas.

In addition, the College’s Renewable Energy Camp is free of charge through a grant from the National Science Foundation.

For more information about all of Delaware Tech’s STEM camps, visit www.dtcc.edu/continuing-education/youth-programs.
Delaware Tech hosted the preliminary rounds of the Diamond Challenge for High School Entrepreneurs. Competitions were held in March in each county at three campus locations.

The Diamond Challenge is a partnership that provides high school students the opportunity to explore entrepreneurship as a future career path. The competition gives students real world experience in developing a business plan. Students presented their business ideas to a panel of judges comprised of local business professionals. Business plans were judged on feasibility of the idea and growth potential.

Twenty-four teams representing 13 Delaware high schools competed in the preliminary rounds.

Winners of the preliminary round all received $500 and competed in the final round and attended the awards luncheon at the University of Delaware on April 18.

A broad coalition of partners worked to create this event including Delaware Technical Community College, Junior Achievement of Delaware, Glasgow High School, Delaware’s Department of Education, and two University of Delaware programs—the Center for Economic Education & Entrepreneurship, and the Horn Program in Entrepreneurship.

New Castle County Winners


Service with Perks, Wilmington Friends School: Emilio Ergueta, Elijah Jabbar-Bey and Fiona Nagaswami (Advisor: Javier Ergueta)

Four Corners, Tall Oaks Classical School: Hannah Crimson, Sabrina Myoda, Jaime Weber and Valerie Ziegler (Advisor: Laurene Davison)

Woodcraft Supply, Salesianum School: Michael Ryan and Chris Walker (Advisor: George Horn)

Kent County Winners

Climate, PolyTech High School: Jeffrey Johnson, Jesse Sapp and Matthew Wright (Advisor: Dorothy Wilson)

CookieLicious, Middletown High School: Isabell Arellano and Lexas Murray (Advisor: Veronica Marine)

SunDown Drive-In, Lake Forest High School: Dominque Collier, Derek Glover, Dianna Nguyen and Jessica Sullivan (Advisor: Corey Yanoshak)

Sussex County Winners

EZM Farms, Seaford High School: Zachary Marine (Advisor: Donna Saunders)

Raven Eyes, Sussex Tech High School: Tyler Butler, Devin DeLoach, Emily Nichols and Jenna Stevens (Advisor: Frank Makray)

2 Past Max Music, Seaford High School: Joshua Mears (Advisor: Donna Saunders)

Brakelite, Seaford High School: Jordan Walls (Advisor: Donna Saunders)
with jobs in health care expected to grow exponentially over the next five years, Delaware Tech is focused on preparing our students for these high-demand fields. Across the state, each campus of the College is making improvements and expansions to produce more trained and skilled workers to boost Delaware’s economy.

Owens Campus

At the Owens Campus in Georgetown, two new laboratories and prep rooms have increased the College’s capacity to provide state-of-the-art science education for students—especially in the areas of biotechnology and food safety. The impact of these new facilities is far-reaching and represents a significant asset to Delaware Tech.

The biotechnology program can now incorporate the use of advanced technology into its coursework and into the students’ capstone projects much more effectively.

Students in the food safety program will benefit greatly by having a space outfitted with the equipment and tools necessary to train future food safety technologists. Training in this area cannot be completed in a regular classroom; thus the additional laboratory space has been key to program development.

The labs also allow the student experience to better reflect the real-world working environment, which in turn better prepares students for future employment.

Finally, the new labs have expanded the College’s capacity to provide the required laboratory courses, such as general biology, microbiology, and anatomy and physiology for other majors.

Stanton and Wilmington Campus

At the Stanton and Wilmington Campus, the Dental Health Center has undergone a more than $1 million renovation in Wilmington, while a project to expand the nursing wing by 20,000 square feet is underway at Stanton.

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Stanton and Wilmington Campus

At the Stanton and Wilmington Campus, the Dental Health Center has undergone a more than $1 million renovation in Wilmington, while a project to expand the nursing wing by 20,000 square feet is underway at Stanton.

The Dental Health Center (DHC) is a clinical educational facility supporting the dental hygiene associate degree program. The DHC provides quality dental care within the community while enabling students to meet the educational requirements of the dental hygiene program, which is unique in the state of Delaware. The Center offers financial assistance programs to help with the cost of dental treatment.

The renovations, which were supported by the State Bond Bill, updated the facilities with new technology and equipment, such as digital x-rays and ultrasonic cleaning tools, and incorporated electronic medical record technology to meet a 2015 mandate that all medical and dental records be electronic. The expansion also allows the program to educate more students. The DHC currently trains 30 students at the Wilmington Campus and 16 at a satellite campus in Dover. They hope to expand these numbers in the coming years. The community will also benefit from the expansion with increased services to patients.

“We are committed to the idea that providing a facility equipped with leading-edge technology will provide Delaware Tech Dental Hygiene students with the
skills needed to enter the job market as highly-qualified dental hygienists,” says Vivian Rizzo, department chair of dental hygiene. “The renovation allows us to implement new learning strategies to strengthen our curriculum.”

At the Stanton Campus, the popular nursing program has operated out of the same 10,000 square foot “C” wing space for many years, even as the number of enrolled students has nearly doubled over the last 10 years. Despite the cramped space, the department has continued to thrive, maintaining academic excellence as measured by NCLEX pass rates, employer feedback and job placement rates.

The College recognized the need for more space to continue to prepare our students for contemporary nursing practice. The C Wing Expansion Committee was formed about 18 months ago and was comprised of Stanton administrators, staff, architects and nursing faculty. A 20,000 square foot addition to the “C” Wing was designed that incorporates four state-of-the-art nursing labs, clinical simulation space, and additional classrooms. It will also include breakout space for students to participate in debriefing following learning, as well as to gather and study. Groundbreaking occurred in April, with completion scheduled for August 2014. The funding for this expansion was obtained through a combination of state and local monies.

“The nursing department is excited about the construction of the new expansion. The new spaces will provide flexibility in teaching and learning and incorporate more technology into the existing program,” says Patricia Welsh, acting instructional director/chair of the nursing department. “This additional space will allow students more opportunity to integrate new knowledge, to work in collaborative teams, and to utilize high fidelity simulation for learning. The focus of our new curriculum is hands-on learning and a student-centered classroom, and this expansion will provide the space to allow this to occur.”

Terry Campus

The Science and Engineering Technology Building project at the Terry Campus includes biology and chemistry labs that are scheduled to open in August. Adding these labs will allow more students access to courses that prepare them for admission into competitive nursing and allied health programs such as surgical technology, paramedic, and associate degree nursing (RN).

“Courses such as anatomy and physiology, biology, and chemistry are critical to preparing students to be successful in these fields of study,” says John Buckley, dean of instruction. “There is high need for these graduates in the state’s workforce and adding this facility will enable Delaware Tech to meet this need.”

Another project at the Terry Campus is being funded by a grant received by the nursing department. This grant will be used to purchase state-of-the-art simulation lab equipment, which supports the education of healthcare professionals to meet the employment needs of the state of Delaware. The grant is funded through Highmark Blue Cross Blue Shield Delaware’s “BluePrints for the Community” grant program.

“The new lab simulation equipment makes a difference in the students’ education and promotes excellence in the care they will provide for our communities,” said Dr. June Turansky, campus director. Delaware Tech’s nursing program involves classroom theory and clinical skills.

A special thank you to the following donors who contributed to the science labs. Their generous donations will provide access for students to achieve their educational goals.

Arthur W. Perdue Foundation
AstraZeneca
Bank of America
Highmark Blue Cross/Blue Shield
Crystal Trust
Delaware Park
DuPont Company
Longwood Foundation
Marmot Foundation Inc.
Jim Porter
Welfare Foundation Inc.
Wilmington Trust Co./M&T Bank

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A Partner in K-12 Education

Many Delaware students are getting the opportunity to experience a taste of college life even before graduating high school by taking part in one of the many programs that Delaware Tech offers to middle and secondary school students. These partnerships give students a chance to learn more about Delaware Tech and the many opportunities it has to offer.

Stanton and Wilmington Campus

Eleven high school juniors from John Dickinson and Thomas McKean High Schools just finished a successful first year in The Construction and Renovation Certificate Program, an innovative partnership between Delaware Tech and Red Clay Consolidated School District high schools. Students spent part of their school week at Delaware Tech’s Innovation and Technology Center taking classes such as math for technicians, plumbing, carpentry, drywall, basic electricity, flooring and tile installation. The program allows students to graduate with a high school diploma and nationally recognized certifications that immediately qualify them for entry-level construction jobs. Endorsed by the Delaware Department of Labor and local unions, the program will continue and possibly expand in the coming years. The program was developed by the Red Clay Office of District Services, headed by Burton Watson, and Delaware Tech’s Corporate and Community Programs, directed by Paul Morris.

“The College has a long history of working with our high schools, particularly Red Clay, but we are especially proud to offer this innovative facility, through this creative partnership, to provide these students yet another option to enrich their educational experiences,” said Dr. Mark Brainard, vice president and campus director, Stanton and Wilmington Campus.

Owens Campus

At the Owens Campus, Delaware Tech is working on developing successful entrepreneurs of the future through Entrepreneurial Enlightenment offered as part of Delaware Tech’s Academic Challenge Program. This year, 22 eighth graders in the pilot group began a five-year after-school program focused on learning the fundamentals of starting and sustaining a business. During the first two years, students focus on personal development, through personal and team challenges. In the third year, the students focus on business and financial skills needed for success in business followed by a year where they learn leadership skills and lead a team. In the capstone year, students are given the opportunity to utilize all the skills they have developed to jump-start their own business venture.

Terry Campus

To promote student success in high school and college, Terry Campus has partnered with Lake Forest High School in an early enrollment program. Delaware Tech’s John Buckley, dean of instruction, says this partnership has been successful because both Delaware Tech and Lake Forest believe it is a great opportunity for the students. The entire Lake Forest administration is completely supportive and has even obtained a two-year U.S. Department of Education grant that fully covers the costs of tuition and books for their students.

The first year of the program offered two tracks, which were completely filled: English/Reading and Psychology/Sociology. In the 2012-2013 school year, 22 Lake Forest seniors earned between 6-12 college credits simultaneously, while satisfying their high school requirements. Many will have completed a full semester of college coursework prior to graduation.

All classes are taught by Delaware Tech instructors at the Lake Forest facility. Dean Buckley said in the coming years, there are plans for more sections such as calculus, introduction to
computer applications and oral communication. All courses offered are highly transferable to any college or university. “The Delaware Tech-Lake Forest partnership provides an excellent opportunity for students to earn college credit in addition to completing their high school education. These students will have a significant head start in completing their college education,” said Dean Buckley.

The U.S. Department of Education finds that college credit earned prior to high school graduation reduces the average time-to-degree and increases the likelihood of graduation for students who participate in early enrollment programs. Further, the Department points to evidence that dual enrollment increases academic performance.

Collegewide

In addition to the campus-specific programs described above, the College is seeking opportunities on a collegewide basis to offer programs to students across the state. One example of this is the Diamond State Challenge (see page 14).

In partnership with Junior Achievement of Delaware, the University of Delaware, Glasgow High School, and the Delaware Department of Education, Delaware Tech hosted the regional round of the competition in March 2013, with winners moving on to a statewide round in April at the University of Delaware.

The college also partners with SkillsUSA, a national nonprofit whose mission is to prepare students for careers in trade, technical and skilled service occupations. As part of the program, students participate in local, state, and national competitions demonstrating their skills in areas such as electronics, HVAC, culinary and visual communication.

High school students from Delaware’s vocational high schools compete in regional competitions hosted by Delaware Tech, and winners move on to compete in national competitions in their subject matter. The competitions are a great way to bring together professionals from the community to judge the competitions, students and faculty.
Students Share NASA Experience with Teachers

Last summer, four Delaware Tech students ventured to NASA Johnson Space Center’s Ellington Field in Houston to conduct experiments aboard the “Weightless Wonder.” Delaware Tech was the only institution representing Delaware in this study, joining institutions such as Yale, MIT and Carnegie Mellon. Now that the students have returned to Earth – and campus – they are sharing their experiences with their classmates, instructors and even Delaware’s teachers.

Depto and the rest of Delaware Tech’s Reduced Gravity team performed their physics experiment, “Vertical Projectile Motion with Drag” on board G-Force One, a Boeing 727-200. The plane flew parabolic maneuvers over the Gulf of Mexico, simulating zero gravity, lunar gravity, Martian gravity, and other values of g. Under each of these conditions, the team launched a small steel sphere upward. The various motions of the projectile were video recorded for comparison with each other and with the motion of the sphere when launched on Earth.

The students presented a workshop entitled “Gravity and Motion: Research with NASA and Its Use in the Classroom” several times through the Delaware Aerospace Education Foundation. The Foundation aims to inspire and educate the people of the Delaware Valley in learning about the Earth’s environment, space science, mathematics and technology through the use of academies, presentations, symposiums, professional development, events and activities and the resources of the Environmental Outpost in Smyrna, DE.

“Gravity and Motion” targets teachers of grades 4-12, and earns them three Continuing Education clock hours. During the workshop, the students share their experience of the Reduced Gravity Education Flight Program and show how their research can be used by teachers in their classrooms. Delaware Tech’s opportunity to participate is the result of the hard work and commitment of students Robin Depto (team lead), Ryan Caulfield, Jeffrey Szczubelek and Diego Zelaya, and faculty supervisors Michael Cimorosi and Navarun Jagatpal. The team was selected based on scientific merit and educational outreach potential from more than 60 proposals. They put many hours into researching and building their experiment.

During the workshop, participants have the opportunity to work with physics laboratory equipment like that used by the Reduced Gravity team, view video recordings of the team’s trials, and explore ways in which these can be used in their own classrooms.

The information is also shared in Delaware Tech physics classes. Physics instructor Jyotsna Sau says it’s a great way to inspire her physics students to see the practical applications of physics. “The students really respond to the video and seeing Delaware Tech students who have done such an amazing thing.” The experience was a once-in-a-lifetime experience that the students won’t soon forget.

Beyond sharing their experiences with teachers, the NASA participants also have used their trip as a catalyst to increasing awareness of the subject of physics. A “Zero G Club” was formed and officially launched on Earth Day this year. The group meets every Saturday at the Newark Library to discuss physics research they are conducting. Other club activities include celebration of G Day and Hertz Day, as well as student demonstration and research projects. Sau says she hopes that more Delaware Tech students will get to experience space one day – either through the NASA program, or even as NASA physicists. The sky is the limit.
Supplying the nation’s electricity needs through clean, renewable energy sources is one of the most important challenges of our time. Many experts say that because renewable fuels like wind and solar are intermittent – the sun doesn’t always shine, and the wind doesn’t always blow – they are not sufficiently reliable to meet all our energy needs. This notion has recently been put to the test with research demonstrating that when the right balance of wind, solar and energy storage is built, a 99.9 percent renewable electricity grid can be just as reliable as today’s predominantly fossil fuel grid and at comparable costs.

At the heart of this important research is Delaware Tech Energy Management and Electronics instructor, Dr. Cory Budischak. Dr. Budischak recently received his doctorate in electrical engineering from the University of Delaware, where he, along with a team of researchers, studied ways to fuel our world with renewable resources.

In December 2012, he published his research in the Journal of Power Sources. The article brought national media attention to his research, which challenges many misconceptions regarding the use of renewable energy and was featured in Discovery News, The Huffington Post and Scientific American. He recently traveled to Iowa for the 2013 Annual Iowa Wind Energy Association (IWEA) conference, where his research “Can Wind & Solar Shake Their Perceived Intermittency Problems?” was a featured presentation.

Dr. Budischak combines his research savvy with a love of teaching. He came to Delaware Tech because of the emphasis on hands-on, problem-based learning. One of the classes he teaches is a learning community, “Building Specialist.” The Building Specialist learning community consists of two courses that examine a building’s energy use in three different ways.

Another example of the problem-based learning that attracted Budischak to the College is the field work that is part of a capstone class in the energy management (EM) program. Recently, EM student Jake Biggs and his classmates travelled to a local elementary school to conduct an energy audit. During their audit, the class analyzed several years of past utility bills and constructed a 3-D model of the school in an effort to identify problems and improve the school’s energy efficiency.

Students choosing to follow this career path could be doing much the same thing in the real world, making the class a valuable learning tool. Biggs likes that his degree is so relevant to the real world, and says Dr. Budischak was a great teacher who pushes students to find answers to problems with hard work and research.

Dr. Budischak believes that Energy Management could be the “next big thing” at Delaware Tech. He is looking forward to the completion of the Sustainable Energy Training Center (SETC) at the Stanton Campus, a 6,000 square foot building that will house specialized classrooms to focus on biofuels, photovoltaic, solar thermal technology and energy management. The building itself has been designed so that energy management students will be able to view the geothermal, photovoltaic and solar thermal systems and monitor the buildings’ energy usage. “Graduates who leave Delaware Tech from these programs will pave the road for a more efficient and more sustainable energy system,” says Budischak.

Budishak thinks the SETC will be a “beacon to our growing energy management program.” He looks forward to continuing his Delaware Tech journey.
Anyone familiar with Delaware Tech is undoubtedly familiar with its very popular and highly-regarded nursing program. At the Terry Campus, a driving force behind this notoriety is the nursing department’s leader, Jo Ann Baker (RN, MSN, FNP-C).

Chairperson Baker joined the nursing faculty as an instructor in 2004. Prior to coming to Delaware Tech, she worked as a staff nurse (CCU/ICU/ER); nurse manager of the dialysis unit at Kent General Hospital; director of the Office of Women’s Health, Division of Public Health; and as a family nurse practitioner.

Chairperson Baker became instructional director/department chair of Nursing at Delaware Tech’s Terry Campus in 2006. Since that time, she has seen the nursing program expand 148 percent.

In addition to her nursing department duties, Chairperson Baker is a lead instructor for a study abroad program. Last year, she traveled with fourteen students and faculty representing three campuses from Delaware Tech to San Ignacio, Belize, as part of a study abroad course, “Cultural Competency & Health.” She and 14 students and faculty returned to Belize this spring.

Along with garnering recognition for her program, Chairperson Baker has earned personal recognition as well. She received Delaware Tech’s 2011 Excellence in Teaching Award. She was also selected by her Delaware Nursing Association peers as a Top Nurse (Honorable Mention) for 2013 in the Academic Educator category, which was featured in the May 2013 issue of Delaware Today.

Chairperson Baker is a graduate of Milford Memorial School of Nursing. She holds a bachelor’s degree in nursing, master’s degree in nursing/family practitioner, and post-master’s degree in educational leadership from Wilmington College and is currently a doctoral candidate of nursing practice at Wilmington University.

Outside of the office, she has served on the Delaware Nurses Association Executive Board, Board of Nursing; Delaware Board of Nursing Standards of Practice Committee; and the National League for Nursing Accrediting Commission (NLNAC) Standards and Criteria Revision Sub-committee. She also volunteers with the Delaware Medical Reserve Corps and the Federal Medical Reserve Corps. 
The first time many college students think of consulting their career services department is when they’re nearing graduation. But Delaware Tech academic counselors see the process as an ongoing journey that begins before students even fill out their first course schedule.

“There are two main functions of career services here at the College,” according to Academic Counselor and Owens Campus Career Services Coordinator Dr. Mimi Dupont. “First we reach students with career self-assessment and exploration. The second part is the job search where we assist them in posting resumes and portfolios, searching for job and internship openings, and applying for jobs.”

Academic counselors in Delaware Tech’s Career Services offices help students identify, research and evaluate career options. Students discuss their career goals and complete assessments to match career options with their unique abilities, interests, and values. Using a state-of-the-art online tool called Focus 2, students answer questions about their work preferences. Then the software matches each student’s answers with specific occupations. Students can make an appointment to discuss the results.

Dupont said it’s important to reach students at the very beginning of the college process. “That allows them to make a well-informed choice about an occupation, which they should choose first, then identify the major that will prepare them for their chosen career. That minimizes their chances of having to change majors along the way, saving them time and money,” she added.

Once students are pursuing their academic programs, counselors can help students prepare job search documents including resumes and cover letters, preferably long before students are ready to graduate. Counselors can also help students search for a job in their field as they prepare to graduate. A new software called myCAREER allows students to upload resumes, search for job opportunities including those local employers have posted, and apply for jobs.

Career Services Offices at Delaware Tech are not only open to current students, however. Alumni are free to avail themselves of the services as well. “We are all multi-talented, and most people now change careers several times in their lifetime,” said Susan Stoller, career services coordinator at the Stanton and Wilmington Campus. “Either voluntarily or involuntarily, we change jobs and occupations. We are here for current and former students to help them navigate these changes and sharpen their skills in areas like resume writing, online job applications, and use of social media. Our students and alumni are welcome to call or email us for an appointment whenever they’d like to start enhancing their job readiness skills.”
Invest in the Future of Delaware

Delaware Tech is committed to connecting Delawareans with jobs by providing students with the education they need to pursue successful careers. In fact, Delaware Tech graduates are the foundation of Delaware’s workforce. They are the nurses and the emergency medical technicians who take care of you and your family when you need them. They are the police officers, childcare providers, computer specialists, and auto mechanics who provide the services our local communities depend upon. While we are proud of our success in helping students pursue their academic dreams, part of this success depends on people just like you who have invested in our students and the future of Delaware.

Since 1968, the College has relied on donations to the Delaware Tech Educational Foundation to help bridge the gap between the needs of our students and the resources available to meet those needs. Established as a non-profit, tax-exempt corporation, its mission is to work with donors to ensure a quality and accessible Delaware Tech education for all who wish to enhance their lives through education and training.

Over the years, contributions to the foundation have funded scholarships, high-tech equipment, science labs, and tutoring programs to name just a few. As the financial needs of our student population continue to grow and a struggling economy limits the availability of state funding, we must rely on donors now more than ever to help us continue to meet the needs of our students, local business and industry and our communities.

SCHOLARSHIPS

Thanks to the College’s low tuition rates and federal and state financial aid programs, many of our students can pursue their dreams of an education, but there are still others who cannot do so without additional financial help. Here are a just a few ways your contribution can make a difference:

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**Academic Program Scholarships**

Many Delaware Tech scholarships have been created to support students pursuing specific degrees. Currently, scholarships exist for students in nursing and allied health, communication, engineering technology, business, computers, transportation, education, and criminal justice among others.

**Non-Traditional Student Scholarships**

The average age of our student population is 26. Because of federal and state guidelines regarding financial aid and scholarships, many non-traditional students are faced with paying for courses on their own in order to advance their existing careers or to start new ones.

**Study Abroad Scholarships**

Our graduates compete for jobs in a global economy. At Delaware Tech, students have the opportunity to study abroad in Costa Rica, Belize, Spain, England, Russia and Denmark. Unfortunately, because federal financial aid cannot be used to cover this expense, some students are unable to take advantage of these life-changing educational experiences without scholarship assistance.

**Athletic Scholarships**

Delaware Tech’s student athletes compete in men’s lacrosse, women’s volleyball, men’s soccer, golf, men’s baseball, women’s softball, basketball, and women’s cross country, as well as intramurals. Many students receive athletic scholarships, and teams are in need of support for facility improvements, equipment, uniforms, travel and other expenses.

**Youth Camp Scholarships**

At Delaware Tech, we recognize that the seeds for a successful college experience are planted well before high school. Our summer camps, which serve children from age five to 17, provide safe, challenging, enriching and fun experiences at each of our four campus locations. Even at the reasonable cost of $160 per week, youth from low-income families find it difficult to attend. Many disadvantaged youth could benefit from our camps if scholarship money was available.

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**EDUCATIONAL PROGRAMS AND EQUIPMENT**

**High-Tech Equipment**

The College is in a period of significant growth with new programs in solar energy and energy management, information security, health information management, surgical technology, computing and information science, and food safety. Many of the College’s programs provide hands-on training that relies on the purchase and maintenance of expensive technology. As a result, Delaware Tech has ongoing needs for equipment (both new and used) to help prepare students to be job-ready upon graduation.

**Student Success Initiatives**

Your donations also help to fund student success initiatives like tutoring, emergency assistance, library services, and learning communities. These programs help students stay in school even when they struggle with coursework or life circumstances. Your support makes these programs possible.

**Information Resources**

Libraries require a collection of traditional and electronic resources to support the ever-changing curriculum and to respond to the educational needs, abilities and interests of a diverse student body. The expense of online databases and other technologically-advanced resources continues to grow; however, they are vital to support our students’ need for access to learning materials when and where they need them.

**Other Areas of Support**

Explore the many ways your donations make a big difference by viewing our Educational Foundation Funds list (www.dttc.edu/about/giving/educational-foundation) and to look for other funding areas that may interest you.
Giving Opportunities

Delaware Tech offers truly unique giving opportunities to our community friends and alumni. From donating property to attending an annual event – Delaware Tech provides many avenues for support.

Naming Opportunities
The College provides guidelines for designation of College buildings, facilities and specific areas on the College’s four campuses in honor of individuals or entities who have donated financially to the institution.

Donations of less than $25,000 will be considered for tribute markers such as benches, theatre seats and trees.

Gift of Property
Instructional technology equipment such as computers, monitors, cameras, laboratory and clinical equipment, medical instrumentation, and other equipment is needed for various departments.

Appreciated Assets
Gifts of appreciated stocks, bonds, mutual funds and real estate are transferable to Delaware Tech. Donors can receive tax advantages by giving appreciated assets.

Gift Planning
Donors can receive significant tax benefits by partnering with Delaware Tech as a beneficiary of various estate planning vehicles. Bequests, trusts, annuities, land donations and life insurance gifts are just a few of the ways that individuals have supported Delaware Tech while receiving favorable tax situations.

For more information on gift planning, visit www.dtcc.edu/giftplanning.

Matching Gifts
Many employers encourage charitable giving through their Employee Matching Gift Program. Check with your human resources office to find out how you may double or even triple your gift to Delaware Tech.

Legacy Society
Delaware Technical Community College’s Legacy Society is a special group of individuals who contribute cumulative lifetime gifts of at least $50,000 and/or have announced their intention to leave a gift to the College through various estate planning vehicles. Legacy Society members receive unique benefits for their partnership and commitment to Delaware Tech.

To view Delaware Tech Legacy Society and Honorary Society Legacy Members, visit www.dtcc.edu/giving/legacy-society.

Annual Fundraising Events

An Evening of Mardi Gras (Stanton and Wilmington Campus), held in February, raises funds for Delaware Tech’s Educational Foundation while developing and strengthening community friendships.

The Valentine Chocolate Lovers 5K Run/Walk (Terry Campus) is held in February to benefit the College’s Study Abroad scholarship recipients.

Starry, Starry Night Gala (Owens Campus), held in April, earns friends and raises funds for College initiatives.

Roady 5K Run/Walk (Owens Campus), held in May, raises proceeds that benefit students through the annual Delaware Tech Alumni Class Gift.

Held in October, the Gourmet Gala (Terry Campus) generates funds for scholarships for students with unmet needs.

The Alumni & Friends 5K Run/Walk (Stanton and Wilmington Campus), held in October, raises money for scholarships to Delaware Tech students through the Alumni Board Scholarship Fund.

Flavors of the World (Stanton and Wilmington Campus), held in October, raises proceeds that benefit Study Abroad scholarships.

The Fashion Show (Owens Campus), held in November, helps fund Study Abroad scholarships.
What jobs will be available in Delaware in the next 20 years? What skills will be necessary in tomorrow’s workforce? What is the next hot industry? These are the types of questions that CIRWA is attempting to answer.

In 2011, the Center for Industry Research & Workforce Alignment (CIRWA) was established to better connect the College to local business, government, and education in order to predict labor market changes and niche opportunities in the state of Delaware. This focus will enable Delaware Tech to align its educational programs to emerging occupations that require a technical associate degree or short-term specialty training. CIRWA is funded through the USDOL Trade Adjustment Assistance Community College Career Training (TAACCCT) grant program.

In close partnership with local businesses, government and education, CIRWA delivers future-focused labor market data and workforce information to enable Delaware to make proactive, strategic decisions in economic development. It also enables educational institutions to make collaborative decisions in response to the evolving workforce needs of Delaware businesses and industries.

“We want to be able to anticipate and grow the labor market – not just respond to existing gaps. And that’s what CIRWA is designed to do.”

- Dr. Orlando J. George, Jr.
Veronica Buckwalter, director of the Center for Industry Research and Workforce Alignment (CIRWA), and Steve Borleske, project consultant, met with various external constituents to discuss opportunities for collaboration on CIRWA's energy industry study.

Delaware’s traditional industries are changing dramatically due to improved technological advancements, new policies and mandates, and consumer demand for products that provide greater reliability and efficiency at more affordable prices. Through research and analysis of real-time industry trends and labor market data, CIRWA enables education and training providers to quickly and effectively respond to the changing needs of Delaware’s most competitive and high-priority industries.

The results of CIRWA’s research efforts will be used to determine educational programming, inform education and government leaders of real-time developments within an industry, and assure business leaders that Delaware is ready, willing and able to produce a highly-skilled workforce to meet their changing needs.

Based on the California Centers of Excellence model, Delaware Tech’s CIRWA investigates new and emerging technologies, trends and occupations not captured in traditional workforce research and data. CIRWA’s research focus will identify and explore developing industry and occupational characteristics. Through the use of primary and secondary research and industry validation, CIRWA will capture regional nuances, supply and demand projections, barriers to hiring and employment, and skills gaps that training and work readiness programs should address.

CIRWA’s regional and industry studies will inform Delawareans of overall labor market statistics, economic indicators, and real-time trends, events or activities that have the potential to impact businesses, education, and the workforce.

In February, CIRWA published its first labor market landscape study of Delaware’s energy industry. This study was a partnership with more than 40 researchers and business and government leaders. Based on key trends and findings, three broad conclusions were drawn regarding Delaware’s energy market.

First, the most potential for economic and job growth lies within the energy efficiency/management sector for public-sector commercial buildings.

The study also revealed that the energy sector is becoming increasingly technological and digitized. This is creating a growing need for workers with baseline understanding of engineering technology, system integration and operational cause and effect of energy efficient processes and strategies.

Finally, the study determined that the greatest career opportunity for graduates with a 2-year technical degree lies within building/construction and maintenance/repair. However, the study revealed that there may be emerging opportunity for engineering technicians within this field.

“CIRWA provides businesses and educational institutions with an entirely new set of labor market data that is not currently captured. We consider variables such as unfolding technological, legal, social and legislative change and provide readers with actionable information based on current workforce and economic conditions,” said Veronica Buckwalter, CIRWA director.

Please visit www.dtcc.edu/cirwa to access CIRWA’s labor-market publications, events and news updates as they become available.

This workforce solution was funded by a grant awarded by the U.S. Department of Labor’s Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.
The Alumni and Friends 5K Run/Walk, at the Stanton and Wilmington Campus, raises scholarship funds for students in need. Culinary arts students from the Terry Campus pose with College President Orlando J. George, Jr., at the Gourmet Gala. "The Passing Zone" entertains at the Owens Campus Starry, Starry Night Gala. Owens Gala attendees enjoy food and entertainment throughout the night. Runners participate in the Terry Campus Chocolate Lover’s 5K. An Evening of Mardi Gras is the largest annual fundraiser for the Stanton and Wilmington Campus benefiting the Educational Foundation. Flavors of the World showcases international cuisine prepared by the Stanton and Wilmington Campus culinary arts and food service management departments while raising money for Delaware Tech’s International Education Program.
The annual Roady 5K at the Owens Campus is sponsored by the campus alumni association and student government association and supports the graduating class gift to the campus. The annual Owens Campus Fashion Show supports international education by raising money for scholarship funds. Guests prepare to sample the array of food at the Terry Campus Gourmet Gala.
UPCOMING EVENTS

September 24
Economic Summit, Terry Campus, Dover
More than 250 residents, business and community leaders, and government officials will come together with the common goal of improving the economic life of Kent County. The summit will include vendor exhibits, panel discussions and valuable networking opportunities. Contact Terry Campus Corporate and Community Programs at terry-ccp@dtcc.edu or (302) 857-1400 for more information or to register.

September 25
Distinguished Alumni and Walk of Success Celebration, Owens Campus, Georgetown
The Annual Distinguished Alumni Award honors a graduate of the Jack F. Owens Campus. Honorees are added to the campus Walk of Success, which recognizes graduates who have made significant contributions to the community through academic and career achievements, community service and personal accomplishments. Contact the Office of Alumni Affairs at (302) 856-5400, Ext. 6086 for more information or to register.

October 2
Alumni and Friends 5K Run/Walk, Riverfront, Wilmington
The Alumni and Friends 5K Run/Walk raises money that provides scholarships to Delaware Tech students through the Alumni Board Scholarship Fund. Contact Kate Vahey at (302) 453-3763 for more information or to register.

October 12
Flavors of the World, Stanton Campus, Newark
The annual Flavors of the World, an international food and wine-tasting event, raises proceeds that benefit study abroad scholarships at Delaware Tech. Contact Carolyn Moloney at (302) 292-3872 for more information or to register.

October 19
Gourmet Gala, Terry Campus, Dover
This annual black-tie optional event showcases outstanding chefs, microbrewers, restaurateurs, and vintners. Open bar, silent auction and live music are featured. Proceeds benefit the Educational Foundation Endowment Fund, providing scholarships and financial assistance to deserving students. Contact Jan Clapp at jclapp@dtcc.edu, (302) 857-1125 for more information or to register.

October 30
Sussex County Today & Tomorrow Conference, Owens Campus, Georgetown
This year, the conference celebrates its 20th year of bringing together businesspeople, educators, community and government leaders, and residents from across Sussex County to discuss topics of interest. This unique forum provides an opportunity to discuss collaborative efforts that can benefit the community. Contact Jackie Berger at (302) 856-5400, Ext. 6090 for more information or to register.

November 23
Saturday Before the Season Fashion Show & Shopping Bazaar, Owens Campus, Georgetown
This day of elegant fashion and pre-holiday shopping features the annual Couture & Class Fashion Show. Proceeds support study abroad scholarships for students, as well as the Global Understanding Series, a series of free workshops and presentations open to students and the community. Contact (302) 856-5400, Ext. 6086 for more information.

If you haven’t seen Delaware Tech’s website, visit dtcc.edu today!
When Jenna Cahall signed her letter of intent to play softball at the Owens Campus, the Laurel native probably never expected to become the program’s first-ever First Team All-American player. Cahall’s national honor came from the opportunity provided to students through Delaware Tech’s athletics programs.

Delaware Tech’s student-athletes compete in Region XIX of the National Junior College Athletic Association. Currently, there are 10 different sports across all three campuses. Each spring, the Owens Campus Lady Roadrunners and the Stanton/Wilmington Lady Spirit play each other in softball in the President’s Cup.

Delaware Tech’s athletics department provides a support program for all student-athletes that promotes academic success, positive athletic experiences and personal growth. The ultimate goal is to see all student-athletes entering the College fully complete the degree requirements and graduate. The department offers athletics opportunities at each campus to both male and female students, and complies with the spirit and intent of Title IX.

**Terry Campus**

The Terry Campus Hawks in Dover compete in three sports – volleyball and cross country for women and lacrosse for men.

The first lacrosse team was formed in 2008, with the team suffering the usual beginning growing pains of having a winless season. Since then, the program has a record of 30-43 with two nearly 500 seasons of 8-9 in 2009 and 9-11 in 2012. In 2011, goalkeeper Nick Goodnow and midfielder Ryan Gray were both named to the Region XIX All-First Team. Hawks Athletic Director Anthony Edwards, who is also the head lacrosse coach, views the program as a stepping stone for Delaware athletes looking to compete on a national collegiate level and is hoping to establish his program as one of the top junior college lacrosse teams in the country.

Volleyball began in 2009, and the program started off with a bang – a 17-1 regular season record and a Region XIX championship. The following season, the Hawks added eight matches and five new teams to its schedule and went 14-11. While Hawks volleyball failed to win a game in 2011, the program returned to its winning ways by posting a 12-10 record in 2012. Head Coach Cindy Savage has set a goal to maintain a cohesive and winning volleyball program, and also develop confident, independent, determined and successful young women.

Cross country is the newest sport on campus, fielding a team for the first time in fall 2011. The new team participated in invitations at the University of Delaware and Delaware State University, competing against runners from across the United States. Head Coach Karin Ryndak wants to provide high school runners with the opportunity to continue to compete and offer her team the best and broadest experience possible.

**Owens Campus**

The Owens Campus Roadrunners also compete in three sports – baseball for men, softball for women and golf for men and women.

The baseball team is competing in its 22nd season and has 579 wins and 330 losses. The team won the NJCAA Division II World Series in 2001, and has also won four Region XIX titles and three district championships. Roadrunners Athletic Director Curtis Brock, who is also the head baseball coach, is a four-time Region XIX Coach of the Year, a three-time District Coach of the Year and a former NJCAA Coach of the Year. In 2012, Robert Kissner and Jose Garcia were both named Region XIX First Team players.

After 12 seasons, the softball team is a combined 212-69-1, has five Region XIX titles and three district championships. Six players have received national All-American honors since 2001 and in 2012 six players earned Region XIX honors.

Golf started in 2007 and provides the opportunity for golfers to play home matches at Baywood Greens Golf Course in Long Neck. Participating in the golf program gives student-athletes the opportunity to improve their game through practice and competition. In 2013, the Roadrunners fielded its first women’s team with freshman Kara Dunning joining the previously all-male roster.

**Stanton and Wilmington Campus**

The Stanton and Wilmington Spirit compete in three sports – basketball and soccer for men and basketball and softball for women.

Since 2001-2002, the men’s basketball team has posted a record of 180-149, and has had five seasons of 20 or more wins. Coach Larry Banks has been on the Delaware Tech coaching staff since 2008, serving as an assistant from 2008-2010 before becoming head coach.

The soccer team overcame an initially bumpy first several seasons to record at least seven wins every season since 2008. Overall, the program has a 53-77-8, and is 34-28-7 since 2008. The coaching staff encourages all soccer players to maintain high fitness levels during the offseason, in order to best prepare for the rigorous game schedule that begins every year in late August or early September. In 2012, forward Paul Ampomansah, midfielder Juan Guadarrama and defender Anil Akilli received Region XIX honors, and five other players received Region XIX honors in 2011.

The women’s basketball team has been playing since the 2004-2005 season, and has an overall record of 80-111. Since the 2008-2009 season, the Lady Spirit are 66-48. Jim Kane has served as the program’s head coach since the 2008 season, and his goal is to continually be consistent and successful. In 2011, guard Antoinette Robertson received Region XIX honors.

The softball team has been playing every year since 2001, except 2003. In 2003, the Lady Spirit enjoyed its best season with a 26-12 record and came close to matching that in 2011 with a 21-12-1 record. The program has also won 10 or more games in 2002 and 2005. Jillian Murphy has been the team’s head coach since 2010. In 2012, pitcher Georgina Greenfield and infielder Courtney Semans received Region XIX honors, and in 2011 the program had four players receive Region XIX honors.

For more information about Delaware Tech athletics, visit www.dtcc.edu/campus-life/athletics.
Head Coach Cindy Savage will start her second volleyball season at Delaware Tech with two high-powered additions to the roster: Samantha Immediato of Middletown (St. George’s Technical High School) and Samantha Pedicone of Wilmington (A.I. Dupont High School). Both women were Delaware All-State players.

Katelyn Donnelly
Age: 20
Padua Academy High School
Wilmington, DE
Nursing (ADS), Stanton Campus

At a glance, Katelyn Donnelly embodies what Delaware Tech “Spirit” is all about, standing out in the classroom and on the court. A strong student with a 3.4 GPA, Katelyn will be completing her pre-requisites for the nursing program this year and applying for a spot in the school’s associate degree nursing program.

Katelyn was also a key contributor to Delaware Tech women’s basketball team, helping the team to a 2nd place finish in the NJCAA D-II Region XIX in 2013. Katelyn averaged 12 rebounds per game, leading the Spirit in rebounding and finishing 15th nationally in NJCAA D-II women’s basketball for rebounding.

Women’s Basketball Coach Jim Kane said this of Katelyn: “Kate is a silent leader. In two years she never missed a practice, played hurt, and guarded the best forward on the opposition. She is also the second best rebounder in the school’s history. In addition, she had consistently great grades; it was an honor to coach her.”

Q: Why did you come to Delaware Tech?
A: Delaware Tech offered the opportunity to continue playing basketball while pursuing a career in nursing.

Q: How did you choose the Associate Degree in Nursing program?
A: I’ve always wanted to be a nurse, so it was an easy decision.

Q: What was the hardest part of being a student-athlete in college?
A: Definitely the time commitment. On top of classes and homework, we had 30 regular season games, playoff games, and practice.

Q: What helped make you successful in juggling academics and athletics?
A: I had already learned time management skills from playing basketball at Padua. Coach Kane helped by always pushing us to succeed in school as well as basketball.

Q: What are your plans for the future at Delaware Tech with your collegiate basketball career over?
A: I am applying to Delaware Tech’s nursing program. I’m looking forward to focusing on my studies and having time to pursue volunteer opportunities.

Q: What career would you like to pursue when you complete your nursing degree?
A: I am interested in working in pediatrics, and I am considering a career in pediatric oncology.

Delaware Tech Drafts Two All State Players

Immediato, Pedicone to Play for the Hawks

Head Coach Cindy Savage will start her second volleyball season at Delaware Tech with two high-powered additions to the roster: Samantha Immediato of Middletown (St. George’s Technical High School) and Samantha Pedicone of Wilmington (A.I. Dupont High School). Both women were Delaware All-State players.

“Having two student athletes of this caliber commit to our institution only reinforces that Delaware Technical Community College offers the best opportunities in the state,” said Athletic Director Anthony Edwards.

Immediato said that when Coach Savage came to one of her games and encouraged her to come to Delaware Tech, she was very interested. “I already knew (Delaware Tech) had one of the best nursing programs in the entire state, but I didn’t know they had a volleyball team that won the (NJCAA Region XIX) championship last season!” Pedicone agreed: “I was already excited about the nursing program, and when I met Coach Savage and found out I could play volleyball, too, that was just another plus!”

Coach Savage said, “These two exceptional young athletes are definitely up to the challenge. They will be positive role models on campus and will no doubt go on to achieve great things.”
Congratulations to all of our graduates!

Fall Semester begins
August 26

Early registration will help to ensure that you get the classes/sections that you want and need.

A variety of accelerated course sessions are offered throughout the semester.

Scholarships and financial aid are available.

SSC 100: First Year Seminar
This course is designed to facilitate the successful transition of new students into the academic, cultural and social climate of Delaware Tech. To accomplish this, the seminar will provide information on the College and its systems, strategies for academic and career success, and opportunities for college involvement.

Thank you to the 2013 commencement speakers!

Owens Campus - Todd F. Lawson, Sussex County Administrator

Terry Campus - Terence M. Murphy, FACHE, President and Chief Executive Officer, Bayhealth Medical Center

Stanton and Wilmington Campus - Colonel Nathaniel McQueen, Jr., Superintendent, Delaware State Police

View photos of the graduation ceremonies at go.dtcc.edu/Graduation
Delaware Tech Supports STEM

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

We offer STEM programs for all ages, including:

- **STEM Camps**: Nearly 50 youth camps serving 1,000 Delaware youth yearly
- **STEM Associate Degree Programs**: A variety of STEM-related degrees, with many programs offering a Connected Degree option to enter a senior institution as a college junior
- **STEM Technical Training**: Several technical programs for job-ready skills

Learn more, visit go.dtcc.edu/stem