



Clovis Community College

FALL 2018

# Connections

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**Robotic machines are the future of the dairy industry.**

Clovis Community College and New Mexico State University (NMSU) Dairy Consortium host DeLaval robotic demonstration

## From the Desk of the President

*Dear Friends of CCC*

As we start another semester, I always reflect on the diversity of our accomplishments over the past year. In this issue, you will read about our ongoing partnership with the New Mexico State University Dairy Consortium and see how NMSU's resources are benefiting our students. This program brings students and faculty from across the US to Clovis for six weeks, and it is one aspect of CCC's \$74 million annual economic impact on our region.

Our students' achievements, however, are the most significant facets of CCC's contribution to our regional economy. Graduates in all of our occupational programs, including Nursing, Radiologic Technology, Physical Therapist Assistant, Industrial Technology (wind technology and plant operations), Cosmetology, Welding, and Automotive Technology are employed in well-paying jobs and spending their hard-earned money in our community. More importantly, graduates enhance their own lives and enable our community to progress.

On November 6, voters will be asked to approve two General Obligation Bonds which impact CCC. Bond B will provide funds to all public, school, and academic libraries, including CCC. Bond D includes \$1.5 million to CCC for roof and parking lot improvements. Neither of these bonds will raise taxes, but both will provide much needed resources that will allow us to improve and maintain our college. I urge everyone to vote!

CCC makes a positive mark on the community because of quality academic and training programs and highly qualified faculty who teach in these programs. I am so proud to work with all of the talented people who teach our students and help them succeed.

Thank you to all of our faculty and staff for all that you do for students, and thank you to our donors and community partners for helping all of us at CCC to achieve our goals. Here's to another great year!



BECKY ROWLEY, PRESIDENT





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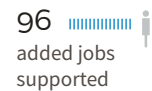
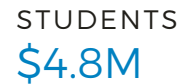
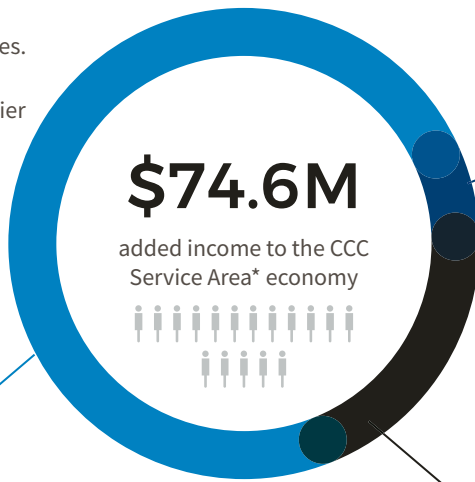
*"By stripping away the color in an image you bring to light all of the wonderful underlying details and forms and shapes. It is a wonderful abstraction"*

Congratulations to CCC instructor, Robert Dart, on placing first in the sponsored category for NM State Parks in New Mexico Magazine's 17<sup>th</sup> Annual Photo Contest.

# The economic impact of Clovis Community College

FY 2015-2016

CCC promotes economic growth from various perspectives. The College is an employer and buyer of goods and services, and the living expenses of students benefit local businesses. In addition, CCC is a primary source of education to our area residents and a supplier of trained workers to regional industries.



impact by industry



OTHER SERVICES



HEALTH CARE  
and social assistance



GOVERNMENT  
non-education

\* SERVICE AREA:  
Colfax, Curry, De Baca, Guadalupe, Harding, Lincoln, Quay, Roosevelt, and Union Counties (NM).  
Deaf Smith and Parmer Counties (TX)

# Clovis Community College

Since 1990, Clovis Community College (CCC) has made a strong economic impact on our community. An independent study by Emsi (Economic Model Specialist Intl) evaluating the 2015 – 2016 fiscal year, has shown the overall positive influence that CCC has on the community, affecting not only students but employers, businesses, and taxpayers.

CCC prepares students for the next steps in their careers, whether that be in a technical field, with an associate's degree or a certificate, or guiding them toward their next step at a four-year university to obtain a bachelor's degree. CCC students, alumni, and staff create a positive influence on the community by providing a highly skilled workforce and bringing new residents to the community. Clovis Community College president, Dr. Becky Rowley, explains CCC's influence on local and transplant students: "CCC draws many students and faculty to the region. Around 24% of students attending CCC originated from outside the region. Of those students who relocated to the area, these relocated and retained students spent \$21.1 million to purchase groceries, rent, and transportation."

CCC continues to boost our local community as well as our local businesses. "People in Eastern New Mexico know about Clovis Community College, and they generally know that we educate a lot of nurses, but I don't think many people realize the extent of our impact. Not only do we educate most of the nurses, radiographers, and physical therapist assistants, but CCC also generates over \$55 million in added income for alumni in our region," states Dr. Rowley. CCC's Nursing program is just one of their many programs that has added to growth of local and regional businesses.

Jorge Cruz, Chief Nurse Executive at Plains Regional Medical Center (PRMC), is a CCC Nursing program alumnus and has continued his nursing journey at PRMC, long term partner with CCC's nursing program. "As a former graduate of CCC's Nursing program, it holds a special place in my heart. Clovis Community College's Nursing program has become a pipeline of nursing talent for Plains Regional Medical Center. You could make an argument that PRMC and CCC's partnership is one of the more important partnerships that exist within our hospital. A large percentage of the nurses employed at PRMC are former graduates of CCC. Together we will continue to strive to offer our community services that they can be proud of."

## The investment analysis of Clovis Community College

FY 2015-2016

The total costs are evaluated against the total benefits generated by CCC. This investment is analyzed from the perspective of those benefiting from it: students, taxpayers, and society as a whole.



STUDENTS

RATE OF RETURN 15.4%

\$1 \$4.1



in lifetime earnings



TAXPAYERS

RATE OF RETURN 5.6%

\$1 \$2.2



in increased tax receipts and public sector savings



SOCIETY

\$1 \$7.1



in added state revenue and social savings



## Powering the future of Clovis Community College

A multimillion improvement project designed to help the environment and CCC's expenses.

A project that has been three years in the making has finally started to break ground at Clovis Community College. The institution has been making strides for the past few years to launch a new energy conservation project. Over time, this conservation project will help prevent excessive energy use and assist with financial savings allowing these funds to be allocated back to other areas of campus operations.

This project began in 2015 with a request CCC made to the Capital Projects Committee for \$4-5 million dollars for HVAC and electrical upgrades. The committee recommended the use of Energy Performance Contracting, a budget-neutral approach to make building improvements that reduce energy and water use and increase operational efficiency. This is a program offered through the Energy and Minerals Department of New Mexico where they provide specific approved vendors and oversee the project's completion.

CCC selected Siemens for the new energy project because of the existing relationship they had with the company. Siemens Energy Management Division is one of the leading global

suppliers of products, systems, solutions, and services for the reliable transmission and distribution of electrical power. It operates and provides the climate control systems used around campus as well as holding other service contracts with the school. Tom Drake, Vice President for Administration and Government Relations at CCC, explains why Siemens was their first pick for this project: "It made sense to use Siemens because of our ongoing relationship with them and because they already know our campus well."

For the immediate needs, this project will allow CCC to remove and replace aged HVAC infrastructure. With some of these systems being up to 30 years old, they are in need of replacements as they are approaching the end of their lifespan. The long term impact of this project will be significantly lower energy costs. According to Mr. Drake, "These funds that were once used for energy usage can now be used to improve other campus operations." The next phase of the project includes installation of solar panels on the east campus, which will then be solely reliant on these solar panels as their main source of energy.

# Clovis Community College and New Mexico State University (NMSU) Dairy Consortium host DeLaval robotic demonstration

**Robotic machines are the future of the dairy industry.**

Clovis Community College and New Mexico State University's Dairy Consortium hosted a DeLaval Robotic Demonstration on June 19, 2018 for local dairy producers and students. This event took place in the North parking lot at Clovis Community College, and the demonstration was accompanied by a cookout for all of the attendees sponsored by Veterinarian's Outlet Inc.

This demonstration gave students and producers the opportunity to learn more about robotic nutrition programs, cow traffic-free flow or guided flow options, herd management systems for managing a robotic herd, and the integration into the DeLaval Voluntary Milking System (VMS). NMSU Dairy Consortium and CCC are pleased that DeLaval decided to bring this demonstration to Clovis as this typically has only been performed at two large dairy expos each year.

"With the interest in manual labor being so low, robotics are becoming increasingly more important in the dairy industry," says Michael Tomaszewski, a visiting professor from Texas A&M and U.S. Dairy Education and Training Consortium Academic Coordinator. "Not only are milking robots becoming more prevalent in the dairy industry, but other applications such as robotic feed lane 'pushers' are entering the market."

Robert Hagevoort, the Associate Professor and Extension Dairy Specialist at the NMSU AG Science Center, emphasizes the importance of this demonstration for the future of the dairy industry. "This demonstration gives producers the opportunity to see how these different machines work and if they would make a good investment for their business. It's important for these students to also witness this demonstration as this is the future of the industry they will be working in. They need to understand everything about these robotics in order to ensure the progression and success of the businesses they will be taking over."

Industrial Technology (INDT) students from CCC were also able to experience the new technology. INDT students will soon be able to learn how to perform maintenance on this new system. Many producers, representing dairy farms from all over New Mexico and Texas, took interest in incorporating this machinery into their business. Dr. Hagevoort expresses his gratitude for the outcome of this event and his hopes for the future, "I hope this was a great start to what could be an amazing collaboration down the line with the Dairy Consortium and CCC. With the rise in this new technology there will be a need for technicians which will require the right education about these machines and the industry itself. The organizers hope that we can one day work together to grow and educate the next generation on the continuous advancements that are being made in this industry."

“

*With the interest in manual labor being so low, robotics are becoming increasingly more important in the dairy industry*

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- MICHAEL TOMASZEWSKI



## Clovis Community College faculty members awarded for Excellence in Learning and Leadership

Four members of the Clovis Community College faculty have been recognized for the 2017-2018 National Institute for Staff and Organizational Development (NISOD) Excellence Award.

Simon Chavez (Communication), Gregory Rapp (English), Melissa Reed (Business Administration), and Erin Thomas (English) are the instructors that have been presented with this prestigious award. NISOD is a membership organization dedicated to promoting and celebrating excellence in teaching, learning, and leadership at community and technical colleges. With this award, recipients receive complimentary admission into the NISOD annual conference that took place in Austin, Texas in May where they had the opportunity to take part in the Excellence Award Dinner and receive a medallion.

These faculty members embody hard work, knowledge, and most importantly, passion in their work with students. The NISOD award is especially meaningful since recipients are selected by CCC faculty.

Simon Chavez is a full-time communication instructor who began his journey at CCC in 2012. Simon was raised in Ft. Sumner, New Mexico and attended Eastern New Mexico University where he received bachelor's and master's

degrees. Simon is reminded of home at CCC because of its small, close knit community. Simon spent four years in the military which he feels has helped him create relationships with his students who are veterans or with current service members stationed at Cannon Air Force Base. "Simon is a dedicated educator who has developed an excellent rapport with his students," a colleague wrote about recipient Simon Chavez.

Not only are these instructors known for their dedication in the classroom, but additionally for their involvement in the college community. Melissa Reed is a New Mexico native who received a bachelor's degree from Eastern New Mexico University, where she met her husband. Then life led them to Arizona where she had her son and received a master's degree. Her husband's job at the railroad brought Melissa and her family back to Clovis, where Melissa realized she wanted to return to her career in education. A part-time instructor position at CCC slowly grew into full-time where Melissa discovered her niche while teaching a freshman seminar course. Melissa has been teaching full-time at CCC



*"It's a great feeling to see my students' accomplishments"*

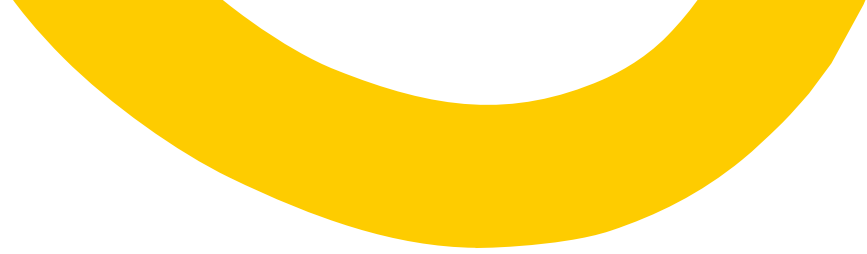
- SIMON CHAVEZ



*"I love seeing my students grow and develop. It's really awesome to see these students overcome some of these obstacles [...]"*

- MELISSA REED





for three years. She says, “I love seeing my students grow and develop. It’s really awesome to see these students overcome some of these obstacles they might have to go through, such as financial, family, or even a learning disability. Getting them to believe in themselves is great.” A colleague describes her experience working with Melissa: “She was eager to serve on a committee and asked to be appointed as soon as a role became available. Her willingness to serve shows her overall commitment to the college, her students, and the community.”

NISOD recipient Gregory Rapp tries to instill ambition in his students. Ambition is a quality seen in Gregory Rapp, now a full-time CCC English instructor, by a fellow faculty member: “Gregory still takes classes to further his education, therefore, is able to serve in multiple capacities. For example, as a political science instructor, which benefits Clovis Community College and our students tremendously.” Gregory is from North Dakota and moved to various states throughout his life before relocating to Clovis, New Mexico. His love for science fiction novels, specifically “Revelation Space” by Alister Reynolds, guided him to his dream of being a writer and an English instructor. Gregory is stunned at the news of being honored as a NISOD recipient: “I have this imposter syndrome. When I go in the classroom, I think, I’m not very

good at this. Receiving this award gives me that confidence and helps me get over that imposter syndrome, that I must be doing something right.”

“Inspirational” is just one word used to describe Erin Thomas. “She shared her success about her experience in the classroom with her colleagues in such an inspiring and vibrant manner during one of our monthly transitional English department meetings, that they were willing to implement some of her ideas with their own students,” wrote one of her colleagues. Along with being a mother to five children, Erin Thomas is an instructor in special education and transitional courses. Erin always knew her vocation would be in special education after an experience with a high school friend with special needs. In discussing her teaching style Erin states, “I always try to relate to everybody and make them feel comfortable and let them know they can do it. If they show up, they will pass my class, not because it is easy but because they begin to believe in themselves.”

From their thriving relationships with students to their dedication to the community, all of these individuals continue to set a standard for excellence and exemplify what it means to be a leader.



*“I always try to relate to everybody and make them feel comfortable and let them know they can do it”*

- ERIN THOMAS



*“Receiving this award gives me that confidence and helps me get over that imposter syndrome, that I must be doing something right”*

- GREGORY RAPP

## Growing opportunities in the field of Industrial Technology

Jim Mitchell, CCC's Industrial Technology program director discusses the past, present, and future of the field.

Industrial Technology program director, Jim Mitchell, has been an instructor at CCC for over 6 years. Before his time at CCC, Jim was a member of the US Navy. After his time in the military, he decided to utilize his GI Bill at CCC, which at the time was a part of Eastern New Mexico University (ENMU), where he completed what was then known as the Industrial Electronics program. Jim considered various technical programs ranging from fields such as carpentry to automotive. Jim jokes, "I didn't see myself in automotive. I'm a big guy, so that would be kind of difficult for me to get underneath the cars." Industrial Technology piqued his interest because of the diversity of the program and the vast career opportunities it provided.

What surprised him about the Industrial Technology program was how far an associate's degree can take a student in this industry. He began his journey as a technician and with

hard work and perseverance, reached the rank of Plant Superintendent. "CCC has given me the foundation I needed to pursue my career in Industrial Technology and I have been very successful because of that."

Jim is a supporter of the new energy conservation project at CCC because of the great deal of energy and money that can be saved over time. He believes that all commercial -and industrial- type buildings should invest in energy conservation projects like this one due to the long term benefits for the institution and the environment. He looks forward to the changes that the energy project will bring to the campus and building of a solar array. CCC plans to add solar technology to its curriculum.

Currently, once a year, Jim's students travel to Tucumcari to certify in climbing the wind



GREGORY SALAS, '15

Associate's Degree in Industrial Technology and Wind Energy

He currently works in Lubbock, Texas as a Wind Turbine Field Service Technician.

# Alumni

turbine at Mesalands Community College. Students learn the mechanical skills necessary to work on turbines at CCC, but add the climbing component through Mesalands Community College. "This training is so important for these students as well as industry professionals. Some students have completed their two-year program, were hired, and then climbed up to the top of the wind turbine and were afraid of heights. For students who don't like heights, we have other opportunities for them that they don't necessarily know about," explains Mitchell.

Jim emphasizes that the Industrial Technology field provides so many opportunities for men and women. "There are so many companies right now that are striving to hire women, but there are not a lot of them in this industry right now."

### *Why did you choose Industrial Technology as your major?*

At the time I joined the Industrial Technology program, I was looking to make a change in my professional career with my aspiration to go into management. The Industrial Technology program made the most sense for me because I already had 10 plus years in the field as a technician. I'd hoped this program would help me achieve this goal.

### *Since graduation, are you working in the Industrial Technology Industry? If so, what are you doing?*

Since graduation, with both a degree in Industrial Technology and Wind Energy, I was promoted to supervisor of the distribution center maintenance team at Cargill. I assisted in growing that team for over 2.5 years. Recently, I had the opportunity to join a team in Lubbock, Texas in the field of renewable energy research.

### *How has your education at CCC helped you achieve your goals?*

The education I received at CCC has opened the door to so many new opportunities for me that I truly believe would have not happened otherwise.

### *Why is Industrial Technology important?*

This program is so important since advancements in technology will require the need for capable individuals to fill the roles of qualified technicians now and in the coming years and decades.

### *What are your hopes for your future with this industry?*

I hope to continue to learn and grow in my new career field as a Wind Turbine Technician. I hope to help the new company I work with grow to the best of my ability and to one day pass on everything I have learned to the next generation of willing technicians.



# Clovis Community College

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Permit #68



We congratulate full-time art instructor, Carolyn Lindsey, for placing second in Santa Fe's Plein Air Painters Juried Competition with her piece "Midday." Congratulations to Carolyn on this huge success!



## Connections

FALL 2018



### Connect with us!

*Campus life, community events,  
and so much more!*



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