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the **BUZZ**  
 DIDI NEWSLETTER

MAY 2018

STEM CAREERS

## AREA DIRECTOR HIGHLIGHTS



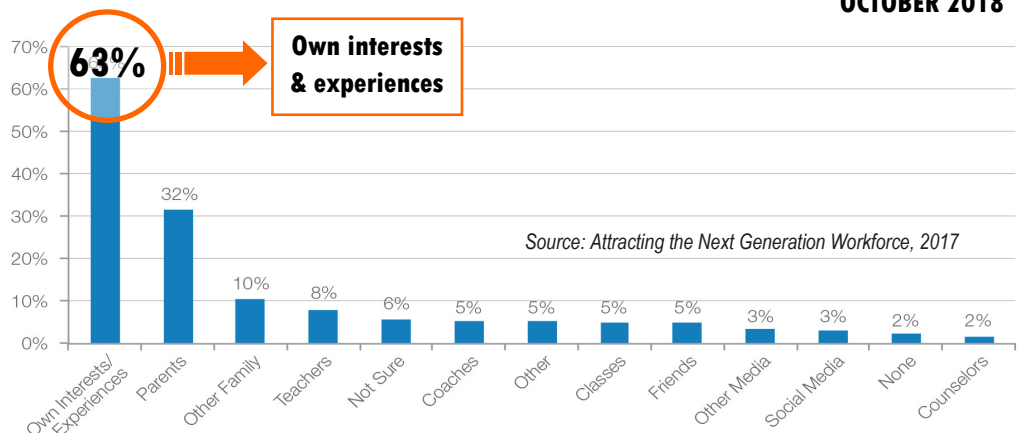
The NAMC is always looking to expand our Area Directors

### WHAT INFLUENCES STUDENTS' CAREER / EDUCATION CHOICES?

63% of students say their own interests and experiences are the biggest influence for choosing their career pathway.

Participating in Mfg. Day activities—business opening their doors, hosting tours, creating programs, visiting

schools, etc. are ways business and industry can help provide students experiences that may spark an interest in careers that are needed in advanced manufacturing and related businesses.



### WHAT'S INSIDE?

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### 2018 - DREAM IT. DO IT. SCORECARD

STUDENTS (tours/presentations, etc.)	3548
CAREER FAIRS	439
EDUCATORS/BUSINESS/ COMMUNITY/ETC. (tours/presentations/mtgs.)	1403
DIDI Meetings	450

## AREA DIRECTOR HIGHLIGHTS

# Grand Island

Area Director—Michala Soundy

It was a very busy month for Dream it! Do it! in Grand Island as we finished up the 2017-18 school year. Students from the Career Pathway Institute in the Manufacturing, Drafting & Construction pathways went on tours in the community and scholarship honorees for the Grand Island Dream It. Do It. scholarship were selected!



**GRAND ISLAND REGIONAL HOSPITAL  
JOB SITE—CHIEF CONSTRUCTION**

The CPI Construction and Drafting students started a series of tours of the Grand Island Regional Hospital job site. This tour series will allow the students to see the progression of this large project. The first tour was a wet, muddy day but we had an information fun filled time. The students heard from Project Manager, Lance Bachman and Business Development Manager, Mark Moravec both with Chief Construction. While there, students had the opportunity watch exterior walls being set in to place, they learned the basic layout of the building and got an awesome view of the area from the top floor. The next tour will be in the fall once the students have started the school year.



**OLSSON ASSOCIATES TOUR**

The CPI Drafting students toured Olsson Associates and CMBA Architects. Students got to hear about the different types of careers available within each of the companies. While at Olsson Associates, students heard from Grand Island manager/ Civil Engineer Jeff Palik. Students saw examples of projects that Olsson Associates have completed along with projects they will be working on in the near future. Students got to see firsthand the process when concrete is being tested for durability. They waited anxiously for the concrete to combust. It was a fun experience for the students.



**CMBA ARCHITECTS TOUR**

Following the tour at Olsson Associates the students toured CMBA Architects. While there, they heard from Brad Kissler, Principal Architect & Shane Labenz, Intern Architect. They found out about the in-depth

processes that went in to planning the GI public elementary schools Starr, Stolley & Jefferson. They discussed potential post-secondary school options for those students that may be looking to go into architecture for their future career and they toured CMBA Architects' very modernized office space.

### DREAM IT. DO IT. SCHOLARSHIPS



Cindy Johnson, Grand Island Chamber President, hands out two \$500 Dream It. Do It. Scholarships to this year's honorees — **Abigail Juet** and **Valentin Guerrero** both of **Grand Island Public Schools**. Both of these students were part of a great Career Pathways Institute Drafting team that went 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> at this year's SkillsUSA Nebraska State Leadership Conference.

**Congratulations to these students!**

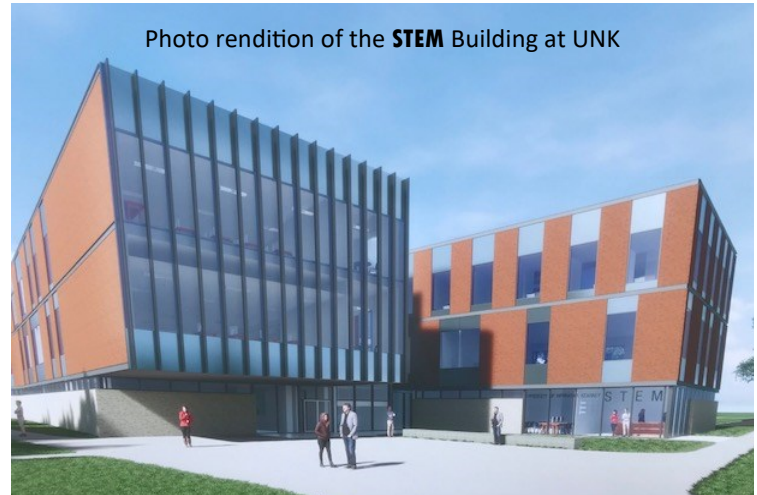
## AREA DIRECTOR HIGHLIGHTS

# Kearney

Area Director—Elizabeth Roetman

### UNK Breaks Ground On New STEM Building

UNK broke ground on the new 80,000 square foot, \$30 million Science, Technology, Engineering and Math (STEM) Building this month. The STEM building will house programs such as engineering, computer science, construction management, physics/ astronomy, interior design and aviation. Planned for completion in the fall of 2019, the new STEM building will help supply graduates in high demand fields across Nebraska.

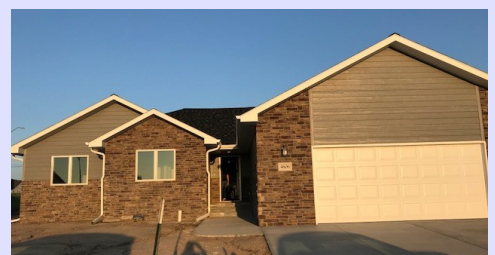


### KCLC STUDENTS TOUR KEARNEY HIGH SCHOOL

**25** students from KCLC Sunrise afterschool program toured the Skilled and Technical Sciences area along with the Agriculture lab at Kearney High School. Students spent an hour touring and visiting with instructors about the programs they teach. They were able to see first-hand what they will soon experience at the high school. The students were engaged in the equipment demos and were really excited to see the new technology, machinery and the display of what students have made in class.

### KEARNEY HIGH SCHOOL'S CONSTRUCTION TECHNOLOGY HOUSE

Kearney High School's construction technology class finished building a three bedroom, two bath, 1,767 square foot home. The home also features an unfinished basement and a two car garage. Twenty-five students did everything from pouring foundation, to hanging cabinets and installing floors. Kearney High has been involved in a building project for 43 years, and the industrial technology teacher, Jeff Shield, has been involved for the last 25 years. The home the students built was placed on the market and sold in four days.





# Omaha

Area Director—John Fonda

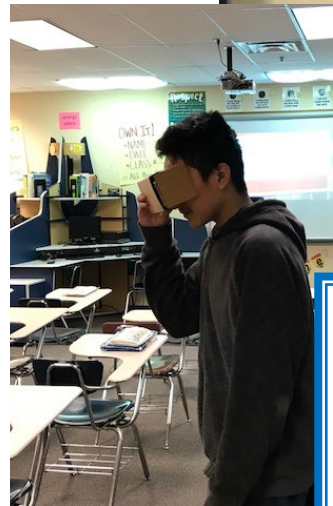
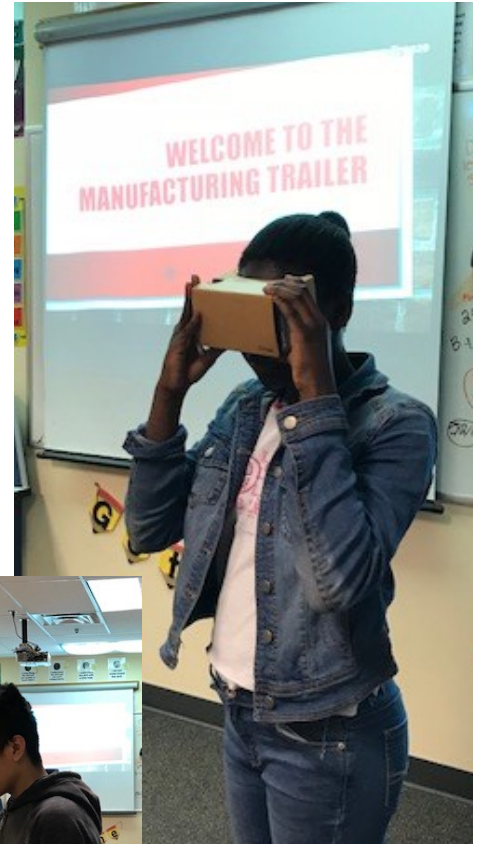
## M3E Trailer—MARRS MAGNET CENTER

The M3E Trailer made a stop at Marrs Magnet Center in Omaha. That's where Connie Jones, FCS teacher of Tech & Living got involved.

"As a teacher I knew I had to catch students' attention to get them interested in the manufacturing concept as a career possibility. I showed them a YouTube video from KETV Channel 7 to introduce them to manufacturing in Nebraska. I questioned students about the information presented in this short video... such as 'How much did the beginning worker make in one year?' 'How long does someone need to go to school to work in this field?' 'Where are these jobs?' We also watched a couple of videos about women in manufacturing."

The students also completed a questionnaire to see what career path they would best fit into. Once the lesson plan was over, students were able to dig into the careers presented and find job descriptions, salaries, and education paths. The students had fun with the Google Goggles and exploring careers.

Students were full of questions, and the lesson plans helped to give them possible career options that they may not have thought about before.



### The M3E Trailer includes:

- A welding simulator
- FANUC robot (robotic arm)
- 3D printer
- Virtual reality glasses

# Lincoln

— Diane Temme

In the Spring of 2018, Lincoln Chapter of Dream It Do It adopted Junior Achievement at Lefler Middle School. Between six companies, we filled 28 classrooms of 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade students.

We were able to bring our workplace experiences in manufacturing to teach about **600 students** about careers, business, and economics! We are hoping to continue this partnership with Lefler and to connect with these students annually to talk to them about achieving success and about future opportunities in manufacturing.

Many companies are already volunteering in other schools and classrooms, but **this marks the first concerted effort of Dream It. Do It. in Lincoln in partnership with Junior Achievement.**



## NeMAC SIGNING DAY

Governor Pete Ricketts and members of NeMAC gathered to announce college scholarship recipients at the first ever NeMAC Signing Day. Signing Day was created to promote in-state manufacturing careers and STEM education among Nebraska youth.

At Signing Day, three scholarship recipients declared their intentions to pursue STEM (science, technology, engineering, math) related degrees, to be followed by careers in manufacturing after graduation, potentially with their sponsoring companies. **These three students represent many students across Nebraska who are receiving college scholarships towards STEM related degrees.**



Student: Lane West  
NeMAC Sponsor: BD  
Scholarship: \$5,000  
College: Southeast Community College  
Degree: AAS in Precision Machine & Automation Technology



Student: Brandon Stephens  
NeMAC Sponsor: Lincoln Machine  
Scholarship: \$1,000  
College: Southeast Community College  
Degree: AAS in Precision Machine & Automation Technology

"I have spoken to countless young adults who have been able to earn a competitive wage, start a family, and support a high quality of life because of careers in manufacturing," said Governor Ricketts. "I have also spoken with dozens of employers who are looking to the next generation to fill a variety of high-quality, high-paying jobs. I would encourage any young person seeking a fulfilling career right here in Nebraska to explore the manufacturing industry."

Student: Ben Galloway  
NeMAC Sponsor: Nucor Steel  
Scholarship: Full Ride  
College: Nucor Technical Academy, Shelton State Community College (Tuscaloosa, AL)  
Degree: AAS in Industrial Electronics Technology



"We're proud and excited for each of today's scholarship recipients," said NeMAC President Dave Arnold. "These bright, talented young adults represent the future of our industry, and are taking their first steps toward successful, fulfilling careers."

"At its heart, economic development is all about creating a better quality of life in Nebraska communities," Rippe said. "There are few better ways to do this than supporting the growth of our backbone industries. Today, we celebrate the future of an industry that means a great deal to our state in terms of its impact on individuals and families."

# Norfolk - Northeast Community College



## NEW CAREER & TECHNICAL EDUCATION FACILITY IN WEST POINT

A new chapter in educating current and future generations into a skilled workforce for east central and northeast Nebraska was established with the **formal groundbreaking of a new training center in West Point, NE.**



*Pictured (from left) are Clarence Mock, president, the Donald E. Nielsen Foundation; Joe Peitzmeier, executive director, P2T; Dr. Michael Chipps, president, Northeast Community College; Marlene Johnson, mayor, City of West Point; Edward Bracht, president, Hank and Mona Stalp Foundation; and Jason Smith, president, West Point Community Foundation. (photo Courtesy Northeast Community College)*

The 15,000 square foot Donald E. Nielsen Career and Technical Training Facility will provide educational and training opportunities for area high school students, adult learners, and business and industry.

Programming in the new facility will focus on areas that include building construction, diversified manufacturing, and welding. **Among those who will use the facility are high school students in Pathways 2 Tomorrow (P2T), a consortium of schools from Bancroft-Rosalie, Lyons-Decatur Northeast, Oakland-Craig, Pender, West Point-Beemer and Wisner-Pilger. Two additional school districts, Emerson-Hubbard and Howells-Dodge, will join the consortium in June.**

**Dr. Michael Chipps, President of Northeast**, said he is pleased the initiative will bring career and technical education and training to high school students, college students and to business and industry in a facility designed for hands-on learning.

## NORTHEAST HOSTS STUDENTS FROM ACROSS THE MIDWEST IN ANNUAL LINeworker's RODEO

Despite gloomy weather conditions outdoors, the atmosphere was electric indoors in Northeast Community College's Utility Line (UL) building this spring. The building was the site of the **2018 College Lineworker's Rodeo**, an event designed to showcase the skills of UL college students from Nebraska and several other states.

"The event was a huge success and the competition was very close. It was great to see all the students showing off their skills and visit with other students comparing their educational experiences."

Thirty-six students from eight colleges from Nebraska, Michigan, Missouri, Minnesota, and Missouri competed in the event.

Teams competed in three physical events and a written exam. The competition allows students the opportunity to practice skills and techniques that they have learned in preparation for their careers in the electrical industry.



**In Picture:** Northeast Community College student Andrew Yrkoski, **Columbus**, competes in the obstacle climb event. Northeast students performed well, during the two-day competition, taking first place in two of the four team events and first and second in an individual competition. (Courtesy Northeast Community College)