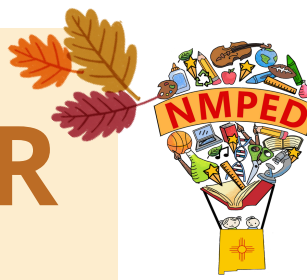


CTE CORNER

October 2024



ISSUE 36

COLLEGE AND CAREER
READINESS BUREAU

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Innovation in New Mexico: Bringing Work-Based Learning to Scale at ACE Leadership High School

(Laurie Gagnon, Aurora Institute, Sept 4, 2024) - Advocates have found that one of the reasons for New Mexico's high dropout and disengagement rate is that students are being pulled away from school because they choose to join the workforce before graduation. Existing academic options may not feel relevant and/or students face family financial pressures. So a key component of New Mexico's efforts to rethink students' educational experiences has been to expand and emphasize work-based learning. Learning through career experience is one key approach to the personalized pathways element of the competency-based education definition: students learn actively using different pathways and varied pacing.

While ACE Leadership High School in Albuquerque has been centered around teaching core academic content through the architecture, construction, and engineering industries since its founding in 2010, New Mexico's Innovation Zone legislation and the funding that came along with it enabled the school to expand and refine their offerings.

Continued on page 2.



Team CCRB Profile
Greg Butz
Education Administrator

Greg joined the CCRB in July 2023. Previously, he was an international educator, having taught and volunteered in the countries of Egypt, Hong Kong, Jordan and Thailand. Upon returning to the United States, he obtained an MBA in Educational Leadership from the University of New Mexico. Upon graduation, he served on administrations in both charter and comprehensive high schools in Albuquerque. In 2019, he was selected as a School Ambassador Fellow with the United States Department of Education. His capstone project developed the first community schools leadership conference in New Mexico.

Contact Greg at Gregory.Butz@ped.nm.gov or (505) 231-6155



Stay up to date with College and Career Readiness deadlines, announcements, and more by enrolling in our Canvas course ([click here](#))!

They also combined this with dollars from New Mexico's Community Schools Fund while embarking on a community journey to define an Industry Framework in June 2021 and a [Graduate Profile](#) in January of 2022. These two foundational documents identify how content and academic standards align with the intended real-world outcome and applied industry skills.

By offering robust opportunities tied to jobs with growth potential and family-sustaining wages, ACE communicates to students that they'll be on a better path by finishing school than if they leave and work a job that might not have a trajectory for career advancement. Pairing with local employers to provide meaningful work experiences makes school more relevant and encourages students who might otherwise drop out to stay and graduate.

Launching Internships for All ACE Seniors

ACE included a goal to expand work-based learning in their 2021 strategic plan. Several students had participated in the Future Focused Education [X3 internship program](#), which provided a proof-of-concept for including work-based learning as an Innovation Zone element. In 2022, ACE leaders committed to hiring a full-time work-based learning coordinator. Later that same year, when ACE received New Mexico's Innovation Zone grant, the school was able to offer paid internships for all seniors. Then, in the 2023-24 school year, ACE continued to build out their own system for internships and the range of work-based learning experiences described below.



Internships were integrated as part of the existing senior [Capstone](#) course and became a graduation requirement along with Capstone completion. Recent employers hosting internships have included construction firms, a regenerative design firm, and NAPA Auto Parts.

[Click here to continue reading.](#)

National CTE News



Moorhead High School (MN) culinary program sees huge growth in enrollment

(Alex Bertsch, KVRR) - Students in Moorhead are flocking to the culinary program at the Moorhead High School Career Academy. The ProStart certified program saw their enrollment grow from 33 students last year, to 90 for this school year. They also received a \$5,000 grant from the Rachael Ray Foundation and National Restaurant Association Educational Foundation for new equipment, curriculum and experiential learning opportunities.

New Roanoke County (VA) Career & Technology Center to be 'gamechanger' for region's economy

(Samuel King, WSLS) - A new career and technical education center for Roanoke County Public Schools is promising to be more than just a school, leaders said it will provide a major boost to the region's economy. Officials held a groundbreaking ceremony for the \$75.9 million project Monday afternoon. It will be located a site off Peters Creek Road not far from the airport.

Anderson County (TN) technical center giving medical students hands-on experience with new mannequins

(Emily Crabtree, WBIR) - Students in the medical assisting class at [Anderson County Career Technical Center](#) are getting hands-on experience with brand-new equipment. The class recently was awarded \$50,000 by the state to help pay for items in the program. Some of the items purchased are medical mannequins of different age ranges, and medical needs to help teach the students how to work with different patients.

MSBSD (AL) Career and Technical Education Showcase featured at Alaska State Fair

(Jacob Mann, The Frontiersman) - The Mat-Su Borough School District hosted its annual Career and Technical Educational Showcase at the Alaska State Fair Friday, Aug. 30. This annual event is an opportunity to highlight local CTE student talent and raise awareness about the vast number of opportunities present across various fields such as robotics, coding, digital media, and aviation technology.





NEW MEXICO
Public Education Department
College and Career Readiness Bureau

SAVE THE DATE

CTE LEADERSHIP WORKSHOP

JANUARY 14-15, 2025

Berna Facio Professional Development Center
Albuquerque, NM

Virtual Option Available

- **October 9** - C2C Community of Practice (email tiffany.walker@ped.nm.gov)
- **October 11–15** - MBA Conclave Conference
- **October 15–18** - National Health Science Conference (NCHSE) - Phoenix, AZ
- **October 16** - Work-Based Learning Community of Practice
- **October 17** - Disability Employment Awareness Month (DEAM) Conference ([Register](#))
- **October 19** - AI Summit for Educators ([Register](#))
- **October 21–23** - Advance CTE Fall Meeting - Phoenix, AZ
- **October 21–23** - CTSO Fall Leadership Rallies
- **October 21-25** - NMOST Fall Into Place Conference ([More info](#))
- **October 22-24** - Experiential Site Visit, Gallup-McKinley County Schools ([More info here](#))
- **October 28** - State Attendance Conference ([More info here](#))
- **October 28** - CNM RADT/DMS/ST Career Fair ([Register](#))
- **November 12–14** - Head to Toe Conference - DOH, PED, and Office of School and Adolescent Health ([Register](#))
- **November 16** - New Mexico Computer Science Education Summit ([Register](#))
- **December 4** - ACTE Vision Pre Conference Tours & Workshops ([Register](#)) - San Antonio, TX
- **December 4–7** - ACTE Vision ([Register](#)) - San Antonio, TX
- **January 14–15** - CTE Leadership Workshop
- **February 20–22** - BPA State Leadership Conference
- **February 27–March 1** - FCCLA State Leadership Conference

[CCRB Home & Calendar](#)

[CCRB Staff](#)

[Career Technical Education \(CTE\)](#)

[Advanced Placement \(AP\)](#)

[Dual Credit](#)

[Early College High School \(ECHS\)](#)

[Counselor Support](#)

[Graduation Requirements](#)

[Innovation Zones](#)

[Summer Enrichment Internship Program](#)

PED Newsletters:

- [Assessment and Accountability \(Sept. 12, 2024\)](#)
*NEW
- [Literacy and Humanities Bureau \(September 2024\)](#)
*NEW
- [Charter Schools \(Issue 75, September 2024\)](#)
- [Math & Science \(Sept. 5, 2024\)](#)
- [Office of Special Education \(Issue 9, September 2024\)](#)
- [Federal Programs \(July 2024\)](#)

Also check out:

- [E-Blasts from the PED + Subscribe](#)
- [Weekly Storytime | Subscribe here](#)
- [PED RFPS, RFIS and RFAS](#)
- [Advance CTE - New Mexico State Profile](#)
- [Why I Work - DWS Simulation Budget Tool](#)





Advanced Placement Exam Fee Waivers

For the May 2025 Advanced Placement exams, The PED will continue to offer exam fee waivers for economically disadvantaged students. Review the [AP Exam Fee Waiver Memo](#) for additional details.

Questions? melissa.delarentis@ped.nm.gov

International Baccalaureate Test Assistance

The PED is excited to announce test assistance for college credit-bearing International Baccalaureate exams for the 2024-2025 school year. For more information, please refer to the [IB Test Assistance Memo](#) or contact tierney.roberts@ped.nm.gov.



Explore Benefits of New Mexico's NCHSE Membership

The National Consortium for Health Science Education, the authority of health science education, provides collaborative relationships to enhance and positively impact the lives of students interested in health professions. New Mexico's state membership provides state health science educators access to discounted resources, certificates, and curriculum enhancements; networking opportunities with health science leaders nationwide, professional development opportunities, webinars, and more!

[Learn more about member benefits here](#)



New Mexico ACTE Online Learning Center for CTE Professionals

CTE Learn's suite of free professional development resources, [linked here](#), is designed to support CTE professionals beyond the offered fee-based credit courses. CTE Learn also offers a student-centric resource, [CareerPrepped](#), to support your students' career development.

The PED is excited to announce that we're partnering with **MetaMetrics** to provide the **Lexile Framework for Reading** and the **Quantile Framework for Mathematics** to NM districts free of charge. Lexile and Quantile measures help personalize instruction, monitor growth and offer a parent-friendly metric to communicate student ability. Use Lexile and Quantile measures to find reading and math materials at a student's ideal challenge level.



[Learn more here](#)

p2c PATHWAY 2 CAREERS

Explore more than 500 high quality online math lessons across all core secondary math courses in the context of high value careers, customized labor market data, career exploration tools and more.

[P2C.org](https://p2c.org)



Free Resources for NM Business & Marketing Teachers

[Learn more about member benefits here](#)

New Mexico is an enhanced member of the Marketing and Business Administration (MBA) Research Consortium, which gives teachers statewide **free and at-cost** access to thousands of resources created for business, marketing, finance, management and entrepreneurship educators!

The [MBA Middle School Career Exploration Course](#) is free and sponsored by the Daniels Fund Ethics Initiative. The course contains 20 lessons that cover all 16 CTE Career Clusters, workplace skills, and student self-reflection. Each lesson contains extra resources, presentations, and additional activities that can be modified and presented in any order. The course can be downloaded as modules or as LMS-compatible files. [Learn more and download here.](#)



**NM Disability Employment
Awareness Month Conference**



D.E.A.M. CONFERENCE 2024



UNM
Continuing Education
1634 University Blvd NE
Albuquerque, NM 87131



October 17, 9am-1pm
Hiring Event 1:30-4pm

The first annual New Mexico Disability Employment Awareness Month (DEAM) Conference provides information and workshops on increasing inclusion and integration in the workplace and expanding employment opportunities for New Mexicans with disabilities and aging New Mexicans.



**REGISTER NOW BY SCANNING
THE QR CODE OR VISIT
<https://bit.ly/4cRjoHV>**

**ACCOMMODATION REQUEST
DEADLINE
SEPTEMBER 26, 2024**

Sign Language Interpreters and CART services will be made available at the DEAM event. If you need Braille, Large Print or Spoken Spanish Interpreters, or other accommodations not listed, they are available upon request. Please place your request with Lisa McNiven at Lisa.mcniven@gcd.nm.gov or 505-435-9326.



**Register NOW
for the
2024 Conference!**

**Monday, October 21 -
Friday, October 25**

**#FiP2024
#AfterschoolWorks**





New Mexico Computer Science Education Summit

Join us for a day of Computer Science (CS) education to grow your network, collaborate with peers, and learn about important updates to CS education in NM. Travel support is available.

When: Nov. 16, 2024. 9 a.m. - 3 p.m.

Where: Berna Facio Professional Development Center (3315 Louisiana Blvd NE, Albuquerque, NM 87110)

Who: All NM educators, higher education partners, industry representatives, and community members interested in computer science education.

Further information: Mileage reimbursement is available for those who travel over 60 miles, and lunch & snacks provided.

[Register for the free event here.](#)

Our goals for the CS Ed Summit 2024 are to:

- Grow the knowledge and skills of teachers interested in CS education at all levels.
- Strengthen connections between our community of CS educators and enthusiasts.
- Share great resources that have been implemented in classes.
- Provide an opportunity to grow our facilitator community.
- Inform the community of any NMPED and national trends impacting CS education.

Consider submitting a proposal: Our NM educators and partners do amazing work in CS education, and we want you to share your knowledge and ideas with others! Submit a proposal for a session for our CS Ed Summit by [clicking here](#).

The NM CS Education Summit is brought to you by the NM ECEP team. Visit the [ECEP website](#) for more information.

AI Summit for Educators

Join Indigitize for a one-day virtual summit on Oct. 19, 2024, to learn and collaborate with other educators about how to further localize, personalize, and Indigenize your classroom with AI! Educators will leave the session with something they can take to their classroom, teaching team, or school the very next week. We'll start the day with a keynote from Kado Muir, and then participants can choose which presentations and workshops they will attend.

[Register here!](#)



[Schools and Parents Begin Here](#)

Junior Achievement provides activities, guides, thought leadership and lots of additional resources to support learning.

Career Technical Student Organizations (CTSOs)



Get Involved

NMCTSO Event Calendars

[BPA](#)

[SkillsUSA](#)

[HOSA](#)

[FFA](#)

[EdRising](#)

[DECA](#)

[FCCLA](#)

[TSA](#)

CTSO Canvas Courses

Learn how to advise CTSOs at your school with Canvas courses from the PED!

[FCCLA](#) [EdRising](#) [HOSA](#) [DECA](#) [BPA](#) [Skills USA](#)



CCRB College Connections

Presidential Scholars - Nominations Open

Each year, up to 161 students are named as Presidential Scholars, one of the nation's highest honors for high school students. School leaders can nominate one male student candidate, one female student candidate, and one CTE student candidate for the [U.S. Presidential Scholars Program](#) by **5:00 p.m., Oct. 25, 2024** [with this form](#).

Daniels Fund Scholarship Program

The Daniels Scholarship Program is open to students with great potential, big dreams, and values shared with those of the late Bill Daniels, known for his commitment to ethics and helping those in need. Open to graduating high school seniors in CO, NM, UT, or WY. Applications must be submitted through the website **between Sept. 16 and Oct. 18, 2024**. Learn more about eligibility and the application process [here](#).

The Veterans of Foreign Wars Student and Teacher Awards

The VFW is presenting the following opportunities for students and teachers:

- **Voice of Democracy Patriotic Audio Essay Competition:** Open to U.S. students in grades **9–12**, students compete by writing and recording an audio essay on an annual patriotic theme. This year's theme is, "Is America Today Our Forefathers' Vision?" **\$35,000** grand prize. The deadline to submit is **Oct. 31, 2024**.
- **Patriot's Pen Patriotic Written Essay Competition:** Open to U.S. students in grades **6–9**, students compete by writing essays expressing their views on an annual patriotic theme. This year's theme is, "My Voice in America's Democracy?" **\$5,000** grand prize. The deadline to submit is **Oct. 31, 2024**.
- **Smart/Maher VFW National Citizenship Education Teacher Award:** Includes \$1,000 Smart/Maher awards for each of the top K-5, 6-8, and 9-12 teachers for professional development expenses, \$1,000 award for each, winning teacher's school, commemorative plaques and an all-expense-paid trip to the VFW National Convention. The deadline to submit is **Oct. 31, 2024**.

[Find out more here.](#)

Apply Now! Math Instructional Material Reviewer Application

The Instructional Material Bureau is currently recruiting talented Level II and IIIA Math educators to fill the roles of review team leader and reviewer for the K-12 Math instructional material review. The Instructional Material Summer Review Institute will be held in June of 2025. The review is a rigorous process in which highly qualified teachers review instructional materials for alignment with New Mexico standards and criteria for high quality. Applications, position descriptions, an informational webinar, and a flyer with Frequently Asked Questions about the Instructional Material Summer Review Institute can be accessed through the [Resources and Information page](#) of the Instructional Material Bureau website. Review participants receive a generous stipend for completion of reviews.

Applications close on Oct. 30. Please share this opportunity with your colleagues.

Questions? Robbi.Berry@ped.nm.gov

United States Senate Youth Program (USSYP) Scholarship

New Mexico high schools are encouraged to have current 11th and 12th grade students serving in elected leadership positions in the current school year apply for the USSYP scholarship competition this year. Elected student leadership positions within your high school's student council, NHS, and other student service organizations may qualify. See program guidelines for rules. Application materials, guidelines, and program information can be [downloaded in this shared folder](#).

Two scholarship recipients in NM will be selected for a trip to Washington DC this spring and a \$10,000 scholarship funded by the William Randolph Hearst Foundation. **Application deadline is Oct. 15th.**

Presidential Awards for Excellence in Math and Science Teaching

The [Presidential Awards for Excellence in Mathematics and Science Teaching \(PAEMST\)](#) is the highest recognition that a kindergarten through 12th-grade mathematics or science teacher may receive for outstanding teaching in the U.S. Awardees receive a citation signed by the POTUS, a trip for two to Washington, D.C., to attend a series of recognition events and professional development opportunities, and a \$10,000 award from the National Science Foundation. Anyone—principals, teachers, parents, students, or members of the general public—may nominate a teacher starting on October 1, 2024.

Applications are due 9:59 p.m. MST (11:59 p.m. EST) on Thursday, Feb. 6, 2025.



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Melissa DeLaurentis, Ed.D.
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CTE Region: K
Initiatives: Advanced Placement, Expanding Computing Education Pathways (ECEP), Innovation Zones, Careers2Community, Pathways2Careers
Career Cluster: Information Technology



Marc Duske
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Initiatives: Work-Based Learning, Summer Enrichment Internship Program, Near Peer Tutoring Program, Innovation Zones



Greg Butz
Education Administrator
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CTE Region: C
Initiatives: Office for Civil Rights (OCR), Methods of Administration (MOA) Non-Trad Students, Special Population Groups
CTSO: Educators Rising



Susan Chaudoir, Ph.D.
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CTE Region: D
Initiatives: Near Peer Tutoring, Strengthening Data Use in Postsecondary CTE, Governor's Climate Taskforce
Programs of Study: Film, Outdoor Recreation
Career Cluster: Arts, A/V Technology and Communications



Judy Cruz
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CTE Region: G
Initiatives: Work Based Learning, Graduation Coursework Requirements, Graduation Course Waivers, Innovation Zones, CTSOs, Career Technical Leadership Project (CTLP)



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CTE Region: D
Initiatives: Innovation Zones
CTSO: HOSA



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CTE Region: J
Initiatives: Dual Credit, Innovation Zones, Students Experiencing Homelessness



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CTE Region: I
Initiatives: Counselors, Innovation Zones



Crystal F. Maestas
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Initiatives: Innovation Zones



Mira Misleh
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Initiatives: CTE Corner Newsletter, Career Cluster Guide



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CTE Region: E
Initiatives: Certifications, Next Gen Funded-Bureau of Indian Education (BIE), Innovation Zones, Skilled Trades
Programs of Study: Architecture, Construction, Manufacturing, Transportation
CTSO: SkillsUSA



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CTE Region: B
Initiatives: Early College High Schools, Innovation Zones
Programs of Study: Marketing, Sales & Service
CTSO: DECA



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CTE Region: A
Initiatives: International Baccalaureate
CTSO: FCCLA



Tiffany Walker
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CTE Region: H
Initiatives: Careers2Community, Innovation Zones