

NTIEC News



Summer 2019

At a Glance...

- 501(c)(3) organization
- Dedicated to promoting School-to-Work Initiatives
- Serving Counties in NEPA

Our Programs

- Youth Apprenticeships
- Job Shadowing
- Hospital/Dental Internships
- In-school Lecture Series
- Educators in the Workplace
- Career Fairs
- Summer Programs
- Business Professionals in the Classroom

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from the desk of the Executive Director

Coming off such a beautiful summer we here at NTIEC are very excited for what the 2018/2020 academic year will bring to the northern tier workforce! With last year being NTIEC's most successful year since being founded in 1993, our staff is committed to achieving much more this year.

We are continually introducing new and improved career preparedness programs, eagerly working alongside our consortium school district partners to help meet their student needs and are encouraging new schools to get involved. Youth

apprenticeship coordinators, Colin Furneaux and Carrie Bradley are currently enrolling paid apprentices in numerous businesses across the northern tier. Student work schedules are flexible in which there are opportunities to work during school hours, afterschool or on weekends. Last year, our program consisted of 120 apprentices out in the workforce in areas such as environmental consulting, diesel mechanics, manufacturing, retail services, accounting and many more. We encourage students that would like to 'earn while you learn' to speak with their guidance de-



Shealynn Shave, Exec. Director

partments on our youth apprenticeship program and enroll soon!

First Annual Energy & Oilfield Summer Program a Huge Success

Students from the northern tier participated in NTIEC's first annual Energy & Oilfield Summer Career Experience program held in conjunction with the Lackawanna College School of Petroleum & Natural Gas (LC School of PNG) in New Milford, PA. This three-day event was designed to introduce students to career opportunities in the natural gas industry.

Students spent two days participating in classroom discussions on geology, introduction to petroleum and natural gas, safety guidelines, engines and compression and production communication before heading out on a field trip on day two.

First stop on the field trip was to an active Cabot Oil & Gas (Cabot) construction site. Students witnessed upfront and close, what it takes to prepare a site prior to drilling a new gas well from clearing the land to drilling the first 100- to 200-ft.

They watched teams moving earth and putting into place erosion and sediment control measures. Bill desRosiers, outreach coordinator at Cabot stated "Very few people ever get to see that". Williams pipeline was also installing a new pipeline on the property next to the construction site. Workers on the site showed the students some fossils that had been unearthed during predrilling activities.



Next stop was to an active Cabot drilling site. Students were able to tour the site and experience what it is like to be in the control room known as the "dog house". They were able to witness the controller

Please see **Energy** on page 4

“Math, along with geometry are an especially important part of my job because of the immense amounts of weight being moved.” - Danny Sabia, RLE

Students Explore Future Jobs at Vehicular Career Day

NTIEC hosted its annual Vehicular Career Day on May 8, 2019 at the Harford Fair Grounds. Over 400 fifth graders from Susquehanna and Wyoming Counties visited with representatives from two dozen local businesses.

The objective of this career event was to open the minds of the kids to see and experience first-hand the jobs that are available right here in their own backyard. Students had the opportunity to have a truly hands-on experience asking employers questions about their respective jobs and learn-

ing what it takes to be successful. “These kids represent our future workforce and it is important for us to provide them with all the tools necessary to make informed career choices.” stated Deb Tierney, educational coordinator at NTIEC. She went on to say that “they are at the perfect age to start exposing them to a variety of career paths.”

Students were able to talk to representatives from the oil & gas industry, emergency services, land surveyors, construction companies, heavy rig rescuers and truck drivers, just to

name a few. Presenters reinforced the importance of completing their studies in school as many of these jobs require you to be good in math, English and the sciences. Danny Sabia from RLE, explained to the students that he needs to be good with math because when he is operating his big rig he needs to understand and calculate angles and such so he doesn’t make a situation worse.

NTIEC is proud to have had Cabot Oil & Gas, Chief Oil & Gas and Southwestern Energy sponsor this event once again.



Colin Furneaux

Colin Furneaux Joins Staff at NTIEC

NTIEC is excited to announce our newest educational coordinator Colin Furneaux. Colin has 34 years of experience in public education. He was a technology education teacher for the Lackawanna Trail School District, an assistant principal of the Wyalusing Area High School, principal of both the Mountain View Jr/Sr High School and the North Pocono High School, director of curriculum for the North Pocono School District and director of curriculum for the Northeast Educational Intermediate Unit.

Colin retired from public education in the fall of 2017. He has a degree in Technology Education from Millersville University, a MS in Educational Administration from East Stroudsburg University and earned his Superintendent’s Letter from Marywood University.

Colin saw the value of our programs and came out of retirement to join NTIEC. He will be focusing on expanding the Youth Apprenticeship Program in the northern tier in our east region. He will be reaching out

to new employers to bring them into the fold and working closely with students to find them the perfect match.

“My entire career has involved the trajectory and success of NEPA high school students. I look forward to helping as area students build their resumes with the high-quality work based experiences provided by the team here at NTIEC.” stated Colin.

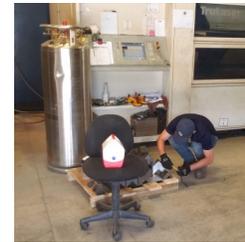
Spotlight on Apprentice Kurtis Easton

Gehman Iron Inc. (Gehman) is a family run business located in Knoxville, PA. They began as a welding and metal fabricating business and continue to be a major metal fabrication producer for facilities both locally and around the country. Their focuses include large structural steel fabrications, steel supply, manufacturing and machining, and ornamental iron work.

Gehman has participated in the youth apprenticeship program for many years. Jason Gehman, the president and owner, and his operations manager Bran-

don Fuhrer, have worked directly with many students to teach them the skills needed in the metal and welding industry. They encourage the students to be independent in their work, while also taking the initiative to work collaboratively to get materials produced. This year, two young men were employed with Gehman's. Kurtis Easton (N. Tioga School District) is one of them. He is an exceptional student and hard worker who continued to work until he began college in August. He will be attending Embry-Riddle

Aeronautical Univ in FL where he plans to study aerospace engineering. Kurtis is a determined, self-motivated young man who will succeed in his future endeavors. As Brandon expressed in a recent evaluation of Kurtis, "He is the most polite, respectful, courteous young man I have ever worked with. It has been an honor to have him in our facility and to work with him on a daily basis." We wish Kurtis the best of luck and we hope to continue working with Gehman Iron in the upcoming years.



Wayne Memorial Joins as the Latest Hospital Internship Site

NTIEC worked extremely hard over the summer to bring new programs and opportunities to our students. We are happy to announce that we are bringing a new hospital internship program into the mix. In addition to programs at Endless Mountains Health Systems (EMHS) in Montrose and Tyler Memorial Hospital in Tunkhannock, our

students will now be able to participate in an internship program at Wayne Memorial Hospital (WMH) in Honesdale.

Beginning this October, we will be placing six students at WMH who are interested in pursuing a career in healthcare. Students will spend one day a week for three hours over the course of seven weeks at the

hospital learning about the multitude of careers available to them in the industry. After the initial orientation, each student will rotate through a different department each week based on their areas of interest. All students are encouraged to apply by contacting their guidance counselor or Deb Tierney at NTIEC.

"We are so excited about this new opportunity for our students." - Deb Tierney

P&G Youth Apprenticeship Takes on a New Look

NTIEC is pleased to announce that Procter & Gamble (P&G) will be renewing their participation in our Youth Apprenticeship Program in the fall of 2019. With an updated program they are calling HOME, which stands for Hands-On Manufacturing Experience, a program which will provide students with a broad exposure to manufacturing careers as well as project management. The updated program design emphasizes the core objectives of providing students with a broad exposure to manufacturing careers and experience that facilitates career-oriented skill growth. It is hoped that these

changes will also serve to eliminate a misperception of the program as merely a path to full-time P&G employment.

P&G's HOME program will provide students a paid part-time experience across two school years that will expose each participant to multiple operations within the Mehoopany facility. This is different from past P&G apprenticeships in which students were assigned to a single operating department for the entire duration of their experience. The second year of the HOME program will include the student being assigned an actual improvement

project to complete within one of the operations. This work will enable the student to apply STEM and leadership skills while solving an identified problem or creating an improvement project which will benefit the plants operation.

NTIEC resources will work with our member schools to facilitate student participation in the program which will be kicked off with six openings in fall 2019. Openings will be available to three juniors and three seniors. The selection process will include completing P&G's technician application and interview



Please see P&G on page 5

“I learned more than I knew, and it seems like a great industry to get into,” stated Scranton Prep senior Blaize Whitehead

Energy *(Continued from page 1)*

manipulate the drill from his control seat as rig hands were adding additional lengths of pipe above the drill bit.

We continued on to Cabot’s production site, the next stage in the process. desRosiers explained what happens next in the process after the drilling phase is complete.

Last stop on the trip was to Williams’ largest compression station near Kingsley, PA where Nate Krebs provided a tour of the massive facility. He explained that this is where they increase the pressure of gas coming into the site and remove liquids and impurities. Nate and Tammy Bonnice, community outreach assistant, talked with students about the opportunities that are waiting for them when they graduate from LC School of PNG.

On the last day, students participated in a debriefing of the previous day’s field trip

and had the opportunity to speak with Jordan Hoffman, a graduate of the LC School of PNG and working in the industry. They heard from him first hand what they need to do to be successful in the industry.

We are already laying the groundwork for next year and hope to include more partners and open the program up to more students. Stay tuned for more information!



Josh Myers, Brian Christ, Blaize Whitehead, Jordan Hoffman, Joshua MacDonald, David Villanella, Jacob Perez, Joshua Keeney

Lecture Series Returns and Expands

Building on last years successes, NTIEC is happy to announce that we will be continuing the program and will be introducing it at Mountain View Jr/Sr High School.

This new program brought healthcare professionals directly to the school to speak with students interested in a career in healthcare. We covered topics in nursing, social work, radiology/imaging, medicine in the military and physical therapy. Students were very receptive to this new program.

Speakers scheduled to date include a veterinarian, nurse, laboratory pathologist, radiologist and a certified tumor registrar.

In addition to the healthcare series, we will expand the program by adding a non-healthcare lecture series at both schools. Speakers will include engineers, a global environmental consultant, financial manager, carpenters and electricians to name just a few.

We are already working on lining up both healthcare and non-healthcare professionals for Spring 2020. If you know of someone who would be interested in speaking to our high school students about their respective careers, don’t hesitate to reach out to Deb Tierney at NTIEC.

NTIEC is excited to bring professionals into the classroom so our students can learn about career opportunities first hand.



Youth Apprenticeship Program Helps Student Decide on Career Path



The NTIEC Youth Apprenticeship Program (YAP) can serve as a specific training experience for a student who is already certain of their career direction. It can also serve as broadening career exposure experience for a student who is still finalizing their direction.

Clara Unger was sure that she wanted a career in the environmental field but was not sure if she wanted to concentrate in environmental engineering or environmental science. In her senior year at Elk Lake High School, encouraged by one of her teachers,

Clara applied for the NTIEC YAP. Tioga Environmental Consulting, a Tunkhannock-based firm which provides environmental services to the shale gas industry and other clients, hired Clara as an after-school apprentice.

At Tioga, under the mentorship of engineer Rebecca Peterson, Clara worked on mapping programs and was exposed to all facets of environmental work across the Tioga office - including seeing the work being completed on a project at her own school, the construction of Elk Lake's CDL training facility. Through

her apprenticeship exposure, she finalized her career choice as environmental science, saying "I had the chance to see the work done by both environmental engineers and environmental scientists, and I realized that the science path was clearly the best for me. I've always been more into the biology and science aspects than the math, and this confirmed my direction." Clara graduated in June but continued her apprenticeship at Tioga through the summer. She is currently enrolled in an environmental science program at Paul Smith College in upstate NY.

NTIEC Youth Apprenticeship placements can be tailored to any type of student and any type of career. From entry level retail or service work that provides fundamental training in the responsibilities of holding a job to specific career work in a trade or professional field, there is value for nearly any student in *"earn while you learn"*.

"... I realized that the science path was clearly the best for me. I've always been more into the biology and science aspects than the math, and this confirmed my direction." - Clara Unger

NTIEC Expands its Footprint with New Schools

Now that school is back in full swing, NTIEC is happy to announce our consortium will be expanding to service an additional six school districts for the 2019/2020 academic year!

Abington Heights, Blue Ridge, Forest City Regional, Hazelton Area Academy of Sciences, Northeast Bradford and Troy

Area schools will be added to our footprint which will enable students in those schools to participate in any and all of the career preparedness programs that we offer.

We are eager and excited to be servicing these school districts and encourage any parent, student, guardian or teacher to

reach out to us to learn more about the opportunities available!



P&G *(Continued from page 4)*

processes which will benefit all students who participate regardless if they are selected or not. Overall, the two-year HOME program will provide students with a strong exposure to manufacturing careers and STEM applications – experiences which will be an asset to virtually any career or college path.



Tammy Weber, FCFP Board Chair and Carrie Bradley, NTIEC

NTIEC Receives Grant Award

NTIEC received a \$3,520 grant from the Tree House Fund at the First Community Foundation Partnership of Pennsylvania (FCFP).

This grant will allow NTIEC to provide career preparedness programs to high school students in Tioga, Sullivan, Bradford and Susquehanna counties. "We are excited to be able

to offer sector-based career events for healthcare, STEM careers (e.g., manufacturing, energy, etc.), hospital internships and youth apprenticeships, to name just a few", states Carrie Bradley, an educational coordinator at NTIEC in our west region. Shealynn Shave, NTIEC's executive director stated "This generous fund-

ing will help increase student participation in our career programs and will allow students opportunities for their future careers."

The success of our organization and our outreach is dependent upon the support from local communities and organizations such as FCFP and the Tree House Fund.

Healthcare Career Summer Experience Program 2019

Healthcare professions are one of the fastest growing careers today in NEPA. NTIEC hosted its annual Healthcare Career Experience for local high school students in the northern tier the week of July 15 in collaboration with the Susquehanna County Career & Technology Center in Springville, PA.

Students spent five days learning about careers available to them in the healthcare industry. During the week, the students toured the Wyoming County 911 Center and Tyler Memorial Hospital both in Tunkhannock, PA. At the 911 Center they learned how While at Tyler, they had the rare experience of suiting up and going into the operating room

where they learned about the precautions that are taken to ensure all the instruments are accounted for before and after all surgical procedures are performed.

The students traveled to Scranton and spent a day at the Geisinger Commonwealth School of Medicine (GCSOM) where they had the distinct honor of meeting Dr. Gerald Tracy (cardiologist, professor of medicine and a founding member of the medical school).

They learned about the heart first hand from Dr. Tracy. Through special stethoscopes, they were able to listen to various sounds that the heart can make based on different diag-

noses. Students also had the opportunity to put what they learned from Dr. Tracy to the test, when they each dissected a sheep's heart.

Later in the week they visited Endless Mountains Health Systems in Montrose, PA where they had an extensive tour of the hospital and how it was designed to ensure patient privacy. Southtown Veterinary Hospital (also located in Montrose) where they witnessed up front and close, surgical procedures being performed on several cats by Dr. Robert Sullivan and his staff.

On the last day of the program, all the students became certified in "Stop the Bleed", thanks to Ms. Gail Malloy, RN, LNC from Wilkes-Barre General Hospital.



NTIEC Partners with Progressive Dental

NTIEC is pleased to announce they are partnering with Progressive Dental to offer a dental internship program to local high school students interested in the field of dentistry. "With dental offices in five communities (Montrose, PA; Binghamton, Endwell, Kirkwood and Norwich, NY), Progressive Dental is conveniently located to so many of our students in the northern tier", states Deb Tierney, NTIEC educational coordinator.

The dental internship program will be modeled after NTIEC's long-standing hospital internship program, whereas students will participate for three hours a day, once a week for approximately five-seven weeks during the fall and

spring semesters. This unique opportunity will provide students with an up front and close look at the various jobs available in dentistry. They will observe and shadow dentists, dental assistants, dental hygienists, lab technicians and the office staff.

For students and parents interested in learning more about this program, or any of our other programs, please feel free to call us and speak with us directly at 570-278-5038 or visit our website at www.ntiec.com.

To learn more about Progressive Dental, visit their website at <https://progressivedentalny.com>.



Dr. Oreida Quinones, Dr. Brian Blanchard, Dr. Matthew Franklin, Dr. Sonny Spera, Dr. Marcus Spear and Dr. Jennifer Redmore

Mark Your Calendars — HCC Day is Just Around the Corner

Our **Healthcare Career Day** is right around the corner and will be here before we know it.

Each year NTIEC hosts this event on the Elk Lake School Campus at the Susquehanna County Career & Technology Center (SCCTC) in Springville, PA for students across the northern tier.

On Thursday, November 14 over 20 different healthcare

professionals will gather at the SCCTC to talk to our students one-on-one about careers in the healthcare industry.

This event is designed to provide students with a one-on-one opportunity to talk to local professionals on healthcare careers that are available to them in the northern tier. It allows the students to take a closer look at the career paths, skills and education necessary

to be successful. Representatives will include several colleges and universities, hospitals, the military, government agencies and private professionals.

If you are a healthcare professional and would like to participate to help our students understand more about a career in healthcare, please reach out to Deb Tierney at 570-278-5038 or via e-mail at dtierney@ntiec.com.



Groundwater & Environmental Services Makes a Donation

Groundwater & Environmental Services Inc. (GES), a NJ-based environmental consulting firm recently donated \$1,000 towards supporting our efforts at Hazelton Area Academy of Sciences to bring healthcare

career opportunities to the students in this STEM school.

Over 40 students will now be able to participate in our upcoming Healthcare Career Day being held on November 14 on the Elk Lake School Campus at

the Susquehanna County Career & Technology Center in Springville, PA.

As a 501(c)(3), NTIEC appreciates all donations/sponsorships to help our students participate in our programs.



**NORTHERN TIER
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Contact us for more
information regarding our
School-to-Work programs
for all students located in
the northern tier of PA.

NTIEC

Your School-to-Work Connection in the Northern Tier

NTIEC is a 501(c)(3) organization dedicated to creating a highly-skilled work force in Northeastern Pennsylvania through integration of school, employment and training processes.

SAVE THE DATE!!!

Tuesday, December 3, 2019 has been designated as Giving Tuesday, a global day of giving. Following Black Friday and Cyber Monday, Giving Tuesday kicks off the charitable giving season.

This year, AllOne® Charities is hosting its second matching gift fundraiser for non-profits across Northeastern Pennsylvania. NTIEC is honored to be one of this year's partnering organizations. For every dollar you donate to NTIEC via AllOne Charities, they will match your donation up to \$1,000.

Beginning Thanksgiving Day (Thursday, November 28, 2019), the link below will be open to accept donations online. The link will remain open until Wednesday, December 4.

To donate online follow the link below and look for "NTIEC" and click on it. Scroll down to the bottom of our organization description and click on the "DONATE NOW" button.

<https://allonefoundations.org/all-one-give-day/>

If you would prefer to send a check, make it payable to **AllOne Charities** and in the subject line put "NTIEC". Mail your check to the address below and we will deliver it to AllOne Charities.

**NTIEC
PO Box 200
Dimock, PA 18816**

Help us to help our students in the northern tier by donating. No amount is too small and it is very easy to do. Contact Deb Tierney at 570-278-5038 or via e-mail at dtierney@ntiec.com if you have any questions.

NTIEC would like to thank you in advance for your donation. We can not do what we do for our local students without the support of our communities!



Upcoming Program Dates

Sep-May — Professional Lecture Series

Sep-Jun — Youth Apprenticeship Opportunities

Sep-Oct — Hospital Internships for grades 10-12 at EMHS, Tyler Memorial and Wayne Memorial

Nov 14 — Healthcare Career Day grades 9-12 at Susquehanna Career & Technology Center (SCCTC)

For more information on our upcoming programs, please contact Deb Tierney.