

PEEB 2021

ANNUAL AWARDS AND ACHIEVEMENTS CELEBRATION

Wednesday, June 23, 2021

SCHOLARSHIP RECIPIENTS · CAREER SPARKS
BUSINESS PARTNERS · STEM CHAMPIONS
APPRENTICE GRADUATES · JOB PLACEMENTS



PARTNERS
For Education & Business, Inc.

WELCOME MESSAGE



On behalf of both MACNY (The Manufacturers Association) and Partners for Education & Business (PEB), it is my pleasure to congratulate the PEB Annual Award recipients for 2021, especially our students. For close to 30 years, PEB has presented a myriad of awards recognizing individuals, companies, and organizations - all committed to the career preparation of youth and adults in Central New York. That proud tradition is more important than ever to celebrate the accomplishments of these amazing individuals. They stand as a proud example of the innate strengths and resiliency of our community.

In addition to our 3rd annual job signing, we are pleased to announce our 9th cohort of CNY STEM Scholars. To date this program has awarded over \$700,000 in scholarships to local students. It stands as one of the most effective strategies for recruiting an incredible pool of talented students from our region. We applaud the eleven Central New York students who have been awarded these scholarships and the five companies that are sponsoring them this year: SRC, Novelis, King + King, TTM Technologies, and INFICON.

Congratulations to our 2021 Paul Tremont CNY STEM Champion, Mark Jarosz from TTM Technologies. Mark joins the notable list of former winners who have consistently been leaders in our community, advancing STEM education and supporting students on their pathway to jobs. TTM has been a tremendous advocate of the Syracuse City School District P-TECH program.

Thank you to Kevin Hanna and AT&T, for their strong support of the advancement of women in STEM. This year we honor Terri Hopkins from C&S Companies as the AT&T STEM Woman of the Year. Terry is an ardent champion of STEM education and works diligently in the community creating and participating in many career exploration events including her own signature event, "Engineer your Career".

We take this opportunity to honor Robert Leslie, Director of CTE Programming at the Syracuse City School District with a Special Recognition Award. Bob has worked tirelessly over the past 20 years to grow a premier program with over 25 different career and technical education options. We thank him for his contributions and congratulate him on his retirement.

None of the PEB success would be possible without the tremendous efforts of the entire Workforce Development Team - Marianne Ferris, Joe Vargo, Eileen Donovan, Taylor Hodge, Althea Strife and Laury Ferguson. This year a very special thanks and best wishes go out to team member Kathy Birmingham, who has been critical to the success of PEB for over 20 years. As she leaves us at the end of June for her much-deserved retirement, we are reminded of, and are grateful for, her commitment to delivering activities that positively impacted students across Central New York!

This Annual Awards ceremony could not take place without the strong support from our team at MACNY and the many schools, businesses, and organizations in the region. I want to thank the entire MACNY staff and the MACNY membership for their support in helping PEB provide much-needed career exploration and workforce development services. We are very proud of the work that has been accomplished this year, but it would not have happened without the hard work and dedication of all our trusted partners.

I look forward to continuing to work with you in the coming school year as we continue to collaborate to make a difference for our community.

Thank you!

Martha Ponge
Chief Operations Officer
Partners for Education & Business Inc.



CONGRATULATIONS!



Today, the number one need of our MACNY members in the manufacturing and technology sectors is a skilled workforce. They just do not have enough young people to fill the open positions.

This is where PEB's vital work comes in. For over 25 years, PEB has served thousands of youth and adults, helping them understand and pursue careers. This work is so meaningful to our community and our economy.

On behalf of the entire MACNY Board of Directors, our staff, and the manufacturing community, we say - well done! Congratulations to this year's scholarship recipients and award winners. We commend you for your achievements.

This year we are also excited for PEB's Third Annual Job Signing Day. This is just the beginning of many job offerings our member companies will be making.

Finally, a very special thanks to the hardworking team at PEB. They have done an extraordinary job in leading this critical effort.

Randy Wolken
President, MACNY



AGENDA

WELCOME

Kevin Hanna, Regional Director-External Affairs, AT&T

REMARKS

Martha Ponge, Chief Operations Officer, PEB

AWARDS

Niko Tamurian, CNY Central - Emcee

CNY STEM SCHOLARSHIPS RECIPIENTS

Madison King
Tyler Yankee
Sarah Vigliotti
Brandon Rogers
Morgan Napier
Jennifer Newmann
Michael Gaughan
Benen Pominville
Adam Reiter
Cooper Foote
Garrett Hockey

CAREER SPARK AWARDS

Todd Baker, Onondaga Community College
Aubrey Marrero, Isaac Heating & Air Conditioning
Michaela Pullano, JMA Wireless

P-TECH BUSINESS PARTNERSHIPS OF THE YEAR

Eagle Metalcraft
ICS New York
Loretto
Saab

2021 PAUL G. TREMONT CNY STEM CHAMPION

Mark Jarosz, TTM Technologies

AT&T CNY WOMAN IN STEM

Terry Hopkins, C&S Companies

APPRENTICE AWARDS

Sam Swenson, OptiPro
Joshua Torres, OptiPro
Angela Kirsch, Manth Brownell

JOB PLACEMENTS

Travius Berkley
Joshua Budihardjo
Jade Dillenbeck
Kayla Gray
James Mark
Cami Meyers
Masengesho Nyonkuru
Nichole Oleyourryk
Elise Ranieri
Allie Ross
Ethan Stockbridge
Andrea Sumida

SPECIAL RECOGNITION AWARDS

Presented by Randy Wolken, President and CEO, MACNY
Robert Leslie
Kathy Birmingham

PEB BOARD OF DIRECTORS

- **Matthew Tryniski, Board President**, SRC, Inc.
- **April Wilkowski, Board Vice President**, Lockheed Martin
- **James Petrie, Board Treasurer**, Haylor, Freyer & Coon
- **Dr. Donna DeSiato**, East Syracuse Minoa School District
- **Mark Southwick**, Huhtamaki
- **Peter Tantalo**, West Rock
- **Greg Owens**, Sherrill Manufacturing

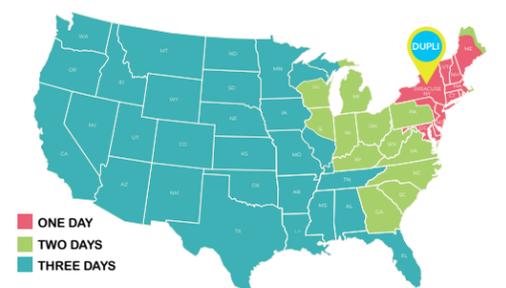
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CNY STEM SCHOLARS



Madison King
Cicero-North Syracuse

Ranked 4th in a class of 631, Madison is headed to the University of Rochester. Madison is described as a leader in the classroom, a confident, bright and outgoing young woman; a well-rounded student, and active member of her community. Madison is a member of the National Honor Society, Girls Who Code, the Positivity Project and the Class of 2021 Executive Board. She is also an excellent dancer and a Master Scuba Diver. Madison has won several awards, among them the RIT Creativity and Innovation Award and has been awarded the National Center for Women in Technology Aspirations in Computing Award for the Upstate New York affiliate twice. Her love of science and math, combined with her drive to solve problems has led her to choose Engineering. She describes it as the perfect major and she looks forward to combining everything she has learned in computer science, calculus, statistics and physics with everything she is yet to learn. In her words she declared, "I also want to give back to the community and help others succeed by becoming a mentor to younger people who are in school and are interested in the STEM field. My dream is to be able to inspire and help future generations succeed and follow their passion to give back to the community and create a better world."



Ranked 2nd in a class of 181, Sarah is headed to Susquehanna University in the Fall. Sarah's Physics teacher wrote a compelling letter of recommendation in which she stated, "I have been extremely fortunate as a teacher to work with many talented students and Sarah Vigliotti is right at the top of my all-time great students list...I thank her for making me a better teacher..." Sarah is enthusiastic about STEM education and passing it on to younger students. A member of the National Honor Society, the French Honor Society, and the Tri-M Music Honor Society, she is also the recipient of the AP Scholar Award for exemplary AP scores in Computer Science and Physics. Sarah describes problem solving, creation, application and inquiry as the driving forces in her life and she is excited at the opportunity to intern with a local research and development company with similar goals to her own.



Sarah Vigliotti
Chittenango

Ranked in the top 10% of a class of nearly 400, Cooper is clearly an academic achiever. But his letters of recommendation describe his as "a student with great character". A member of the National Honor Society, Cooper also played hockey and lacrosse and admits that playing hockey taught him to be brave and keep on going. He was Co-Vice President of Student Council and active in his community, volunteering for the Christmas Bureau and Maureen's Hope. He describes himself as a deep thinker and believes that he has the ability to be a team leader and work well with others. That description is verified in recommendations from his teachers. He is also described as a kind and compassionate person who is passionate about his education. Cooper is headed to Stevens Institute of Technology in New Jersey to study Electrical Engineering.



Novelis

Cooper Foote
C. W. Baker

With the #1 ranking in a class of 178, this Valedictorian's intelligence and academic excellence are unquestionable. His letters of recommendation for this scholarship were not only testament to his academic achievements but also to his character. He was described as "a difference maker, a young man unsatisfied with the status quo, one who can think for himself and balance a natural competitiveness with a true desire to see and help others succeed". If his academic achievements weren't enough, Tyler also earned the rank of Eagle Scout and earned Scholar Athlete honors all four years of high school. Tyler also embraced leadership roles as Student Board of Education Representative and President of the Student Senate. Tyler is headed to Clarkson where he will major in Software Engineering.



Tyler Yankee
Mexico High School

With the #1 ranking in a class of 178, this Valedictorian's intelligence and academic excellence are unquestionable. His letters of recommendation for this scholarship were not only testament to his academic achievements but also to his character. He was described as "a difference maker, a young man unsatisfied with the status quo, one who can think for himself and balance a natural competitiveness with a true desire to see and help others succeed". If his academic achievements weren't enough, Tyler also earned the rank of Eagle Scout and earned Scholar Athlete honors all four years of high school. Tyler also embraced leadership roles as Student Board of Education Representative and President of the Student Senate. Tyler is headed to Clarkson where he will major in Software Engineering.



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CNY STEM SCHOLARS

Novelis

Garrett Hockey
East Syracuse Minoa



Garrett is described by his counselor as a determined, hard-working, mature-beyond-his-years, young man. Garrett is ranked 2nd in a class of 257, a member of the National Honor Society, and was awarded the George Eastman Kodak Young Leaders Award for his extensive involvement in his school and community. Besides his academic accomplishments, Garrett participated in numerous athletic teams (soccer and baseball), regularly attended church, and had part-time and seasonal employment. He exhibits drive and maturity beyond his years. Garrett says that his desire to learn is what makes him tick. He is passionate about math and that has led to his desire to pursue an engineering degree. He is headed to Northeastern to major in Electrical Engineering.

king + king
ARCHITECTS

Michael Gaughan
Bishop Ludden
High School



Michael is described both by his math teacher and school counselor as having a “quiet confidence”. In addition to being a member of the National Honor Society and Principal’s List all 4 years of high school, Michael was First Team All-League Varsity soccer for 4 years and has been named finalist for the Boys All CNY Soccer Team Section III player of the year. An accomplished leader on the field and in the classroom, Michael contributes to his community and volunteers with the Food Bank of CNY. During the COVID crisis in the Spring, he created a virtual food drive and raised over \$2,500. Michael is headed to Catholic University in Washington, DC where he will study Architecture and Civil Engineering. He shadowed at King + King and is thrilled to have been awarded their scholarship.

CNY STEM SCHOLARS

TTM Technologies

Morgan Napier
Fayetteville-Manlius
High School



Morgan is a member of the National Honor Society and the National Art Society. In addition to those accomplishments, she has received awards for Volleyball and Softball. She is a member of the Key Club and has volunteered over 150 hours at the FM Food Pantry, logged 52 volunteer hours as a STEM counselor leading campers through science experiments, 120 hours teaching basic volleyball skills and 110 hours helping at Church events. Her Physics teacher is “impressed with Morgan’s ability to manage her time with all of these activities and find a way to give each one her all”. She is described as a terrific problem solver and critical thinker. Morgan is headed to Union College to major in Engineering.

INFICON

Jennifer Newman
Cortland High School



Jennifer is ranked 3rd in her class but as she graduates from high school, she will simultaneously be earning an A.S. degree in Math/Science from Tompkins Cortland Community College. A member of the National Honor Society, the Science Honor Society and the Tri-M Music Society, she also plays trombone and piano. She traveled Europe through the American Music Abroad 2019 Red Tour program as principal trombonist. She volunteers routinely through her church and the Red Cross Learn to Swim Program. She is a certified lifeguard and a member of the Science Olympiad team. She is described by her Physics teacher as a modern-day *Renaissance Woman*. Jennifer is headed to the University of Buffalo to study physics and chemistry.

Novelis

Adam Reiter
Liverpool High School



Adam is described as incredibly responsible, diligent in his work, and displaying a great interest in his own education. He is resilient and dedicated as evidenced by his extraordinary grades (2nd in a class of 500). Beyond academics, he has been a member of the volleyball, golf and swim teams. A member of the National Honor Society, he also volunteers at St. Joseph’s Hospital and has organized fundraisers. He participated in Robotics and Drone clubs where his team won the Design Award at the February 2020 competition at RIT. Adam comes with strong recommendations from his teachers who not only comment on his academic strengths but his “genuine interest and kindness that set him apart from his classmates”. Adam is headed to SUNY Oswego and is excited to further his education and intern at Novelis.

king + king
ARCHITECTS

Benen Pominville
Adirondack Senior
High School



Benen is ranked 3rd in her class. A member of the National Honor Society, Benen is also an accomplished musician. In addition to volunteering at PTA and other events in the community, she has played the trumpet in the band since 5th grade and has been in two of the musicals. She is also involved in Soccer and Skills USA, where she finished 2nd in the Public Speaking Team national competition last year in Kentucky. This hard-working young woman is described as a leader amongst her peers who is strong, outgoing and always takes pride in her work. Her Math teacher says she makes a positive influence wherever she goes and Benen will leave people better than when they first met her. She is headed to RPI to study architecture.

TTM Technologies

Brandon Rogers
Fayetteville-Manlius
High School



Brandon is a member of the National Honor Society, the Science Honor Society, a NYSPHSAA Scholar-Athlete, an active member of the Positivity Project and holds a 1st Degree Black Belt in Tae Kwon Do. He is described as extremely persistent and open-minded with a passion for learning. His curiosity and genuine desire to understand mechanisms make him a future student of so much more than literature and engineering. One of his teachers describes him as a young man committed to figuring things out with heart, respect and care for others. She went on to say, “he possessed unparalleled kindness, a generous disposition that asks little, but gives tremendously.” Brandon will be attending Stevens Institute of Technology in New Jersey where he will be studying Mechanical Engineering and playing volleyball.

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PEB AWARD WINNERS

AT&T CNY Women in STEM TERRY HOPKINS



Terry Hopkins, administrative principal at C&S Companies, is responsible for community relations, learning and development, and social media marketing, while co-leading corporate Diversity, Equity and Inclusion (DEI) initiatives. She is deeply committed to education, particularly in the science,

technology, engineering, and math fields. Terry believes that STEM education is vital to the future of C&S and our community. She is proud to support a number of initiatives that build a strong pipeline of students capable of tackling our community's future challenges.

Terry leads and participates in many STEM/STEAM career exploration events starting with elementary schools, moving through intermediate and secondary levels, and taking them all the way up to teaching teachers, guidance counselors and administrators. Her signature event, "Engineer your Career," offers students and adults the opportunity to learn about various careers in the STEM industry and various paths to getting there. Participants engage in team-driven, hands-on activities and are offered one-on-one shadow opportunities. In addition, she leads the charge for other C&S events including Educators in the STEM Workplace, Girls in STEM, and Shadow Day.

Some of her work in the community includes the CNY Engineering Expo and the STEAM building at the Great NYS Fair. As Chair of the CNY Engineering Expo, Terry grew the event to capacity and helps over 550 engineers earn their required professional development hours annually. Under her leadership, proceeds from this event support the Mike Hayes Scholarship, which she created – in honor of a former C&S employee – to support students pursuing degrees in engineering. The Fair STEAM building includes nearly 30 exhibitors bringing hands-on activities and demonstrating the possibilities of STEAM careers to visitors.

Terry serves on several boards including the Onondaga Community College Foundation, C&S Foundation, and Friends of the Rosamond Gifford Zoo, where she is currently Vice Chair. She is an active participant in the CNY STEM Hub, Finger Lakes STEM Hub, and OCM BOCES Career and Technical Education Advisory Council. Terry also volunteers for the North Area Meals on Wheels, the Vera House White Ribbon Campaign, and the Alzheimer's Association. Terry enjoys spending time with her family and gardening.

Career Spark Award AUBREY MARRERO



Aubrey Marrero currently serves as the Recruiting Liaison for Isaac Heating & Air Conditioning with a dual role as an Adjunct Instructor at the Isaac Training & Education Center. With more than 10 years of experience in recruiting and community outreach, Aubrey has a wealth of knowledge and is passionate about being engaged in both the cities of Rochester and Syracuse. She believes that communities can be successful when we create and maintain access to education, opportunity, and pathways to self-sufficiency.

Aubrey has become a familiar face to the ITC P-TECH program, where she assists students during resume review sessions, mock interview events, and other career readiness related programming. Most recently, Aubrey also volunteered to serve as a career coach for the Syracuse City School District Career Connections, a new initiative aimed at helping graduating seniors connect with entry level career opportunities right here in Central New York. It is important to Aubrey that students feel empowered and encouraged to reach out and seek assistance if they need it.

Career Spark Award MICHAELA PULLANO



Michaela Pullano is a 2020 graduate of Le Moyne College with a dual degree in Human Resources and Business Management & Leadership. She is also currently enrolled in Le Moyne's MBA Leadership program. Michaela began with JMA Wireless in November of 2019 as an intern and transitioned to a full-time role on the Talent Acquisition team upon graduation.

Through her work at JMA Wireless, Michaela has taken the time to share her experiences and connect with students in the ITC, PSLA Fowler, and Auburn P-TECH programs to help them learn how to network, build their resumes, and refine their interviewing skills. She has also been involved with career readiness programming in the ESM Spartan Academy, Le Moyne College's ERIE21, and the Syracuse City School District Career Connections initiative. Michaela is a true partner, eager to connect with youth and on-board to be innovative. When pitched the idea of a virtual field trip of JMA Wireless, Michaela immediately sat down with our team to make it happen.

Volunteering with Partners for Education & Business is important to Michaela because of how the initiatives affect our community. She understands that Syracuse is a special place and the importance of companies being committed to investing in our young talent.



AT&T is proud to provide the tools and technology that support programs that help create limitless possibilities for young minds. Learning is better when everything works together.

That is why we salute all the nominees and winners today for transforming the lives of thousands of young people in our community. AT&T is honored to support the 2021 PEB Awards and to present the AT&T CNY Woman in STEM Award.

PEB AWARD WINNERS

Career Spark Award **TODD BAKER**

Todd Baker, is Network Systems Administrator at Onondaga Community College and has been a dedicated volunteer for the Computer Information Systems P-TECH Program at Fowler since its beginning, three years ago.



Todd has led small student groups in activities surrounding important career skills, what-if scenarios, workplace relationships, and more. He's also familiarized students with the OCC campus arranging a tour of the entire IT department in their updated facility. The room was clearly impressive to these young students and they were given presentations by IT Staff on how the college keeps track of student records via the latest technologies. They were shown all the latest hardware in a room that many have never seen.

Todd encouraged his staff to volunteer as career coaches for this program and they did. Heather Meyers, Kelly Larrivey and Kathy Slade all signed up. When we were forced to bring coaches in virtually this wasn't a problem at all, and OCC staff never skipped a beat. Todd has been there to inspire these young students with his calm demeanor. He has addressed technological issues and spoke to them about what it means to be an employee and how to work as a team. Todd is the type of person, though incredibly busy managing operations at OCC, he finds the time to help young students understand the opportunities they have and the various pathways in the ever-changing, fast-paced IT world.

Todd describes himself as an advocate of education as a means of societal advancement, but he has taught these students more by his example than his words. Todd is dependable, honest and kind.

Thank you, Todd for all you do to encourage, inspire and spark these students on!

P-TECH Business Partnership of the Year



EAGLE METALCRAFT

Founded in 1953, as the Eagle Manufacturing Company, Eagle Metalcraft began primarily as a welding shop. Over the years, Eagle Metalcraft expanded to include in-house painting, finishing and powder coating to meet their customers needs. During this time Eagle Metalcraft added state of the art Laser Cutting, CNC Machining, and Turning centers to become a one-stop shop for their

customers and has earned a reputation as a Premiere Sheet Metal Fabricator, CNC Machining and Turning company.

Eagle Metalcraft jumped at the opportunity to provide a presentation on CNC Machining and engage with students through design challenges this past school year. Engineering/Quality Manager, Chris Pallay, went above and beyond in connecting and engaging students in our virtual format. After the CNC Machining presentation, which included a great deal of photos and video content of the machines at work, Chris sent laser cut Auburn P-TECH business cards to the students. He also provided a laser cut sign depicting the MACNY logo (pictured here).

Chris also dedicated time to provide feedback during a design challenge where students built small catapults. He even brought photos of a catapult he built in college to share with the class. When Chris heard the first ever Engineering Wars challenge would be to design and build a catapult out of PVC pipe, it was no surprise that he volunteered to be there in-person to help with the project build days.

Eagle Metalcraft has become a fantastic partner and we look forward to working with them for future events!

P-TECH Business Partnership of the Year



ICS NEW YORK

ICS New York has worked with clients for over 30 years to develop solutions to meet all of their technology and telecommunication needs. Located in Endicott, Syracuse and Ithaca, they provide 24/7 support 365 days a year.

Ethan Tancredi is Director of the Syracuse Region and serves on the Steering Committee for the Computer Information Systems P-TECH Program in Syracuse. But he does so much more than that. Ethan serves as a career coach and has recruited other ICS employees, Tyson Alston and Greg Waite, to do the same. Ethan has provided real-life work challenges for the students and is always there to lend his expertise on workplace topics, like teamwork, communication, workplace ethics or conflict resolution.

He is not only a subject matter expert, but he willingly shares his experiences with the students. In his own words, he agrees that "letting kids know that the path can take many different directions helps them out in the long run understand that it really is about passion that matters." Ethan shared his path into Technology and it all began with a major in Ancient Mediterranean History!

We are grateful for his passion to help students and thank ICS New York for their partnership.

PEB AWARD WINNERS

P-TECH Business Partnership of the Year



LORETTO

Loretto became a more involved business partner last year when they offered to Advanced Nursing scholarships via the CNY STEM Scholarship Program. That is when we met Michele DeTota, Director of Workforce Development and Teresa Mosher, Director of Skilled Nursing Education. Michelle served as a presenter for two virtual Career Connections events held in April for graduating Syracuse City School District students looking for employment opportunities. She has volunteered to serve as a career coach for this initiative. As part of this initiative, she also participated as a panelist in a meet and greet event to connect with other volunteer career coaches and registered students. Teresa put together a comprehensive presentation about job opportunities at Loretto for students in the Health Professions Programs but also listed many other opportunities in Culinary and Maintenance positions. As we embark on a larger Health Professions student population for next year, Loretto will certainly be there to assist. We are grateful for this partnership and our ability to help Loretto fill vacant positions and help students find their pathway into healthcare professions.

P-TECH Business Partnership of the Year



SAAB

Saab, Inc. is a defense contractor specializing in surface-based radar systems and subsystems for long, medium, and short-range air surveillance, air defense, and force protection applications. Saab, Inc. is headquartered and operating out of two locations here in Syracuse, one location focused on commercial air traffic management and the second focused on defense and security.

Members of the engineering team at Saab, Inc. quickly became involved as career coaches with the Auburn and ITC P-TECH programs this past school year. Volunteers were instrumental in engaging with students through discussions on workplace safety, design challenge activities, and a workplace learning challenge where students worked in teams to provide a solution to the problem Saab, Inc. presented. Other notable involvement included a presentation to the Auburn P-TECH students highlighting who Saab, Inc. is as a company, what they produce, and the types of positions they employ. Students were also happy to have their help during the project-build days for the first ever Engineering Wars competition.

We look forward to continued involvement from our partners at Saab, Inc. as we get back to more in-person programming next school year!

MACNY'S NYS REGISTERED APPRENTICE GRADUATES

Three apprentices have each completed over 8,000 hours of on-the-job training and participated in a minimum of 144 hours per year of Related Technical Instruction that supports their career growth. These apprentices have now moved from Registered Apprentice to Certified Journeyworker status.



Josh Torres

Certified Journeyworker
Quality Assurance Auditor
OptiPro Systems

Ontario, New York



Sam Swenson

Certified Journeyworker
Electro-Mechanical Technician
OptiPro Systems

Ontario, New York



Angela Kirsch

Certified Journeyworker
Quality Assurance Auditor
Manth-Brownell, Inc.

Kirkville, New York

PEB AWARD WINNERS

2020 Paul G. Tremont CNY STEM Champion
MARK JAROSZ



Mark Jarosz is currently General Manager of the Aerospace & Defense manufacturing operation for TTM Technologies here in Syracuse. Prior to this, Mark served in progressive leadership roles in Engineering, Quality and Operations in multiple TTM sites over his 24-year career with TTM Technologies.

donations, scholarships, project-based activities, internships, and collaboration with regional STEM organizations across the country. This has been a great experience for both the TTM sites and their local communities. Their people are very proud to participate in these outreach opportunities as it is so rewarding to see the next generation of Manufacturing and Technology experts get their start here at TTM.

Personally, Mark has a vested interest in the success of P-TECH and supporting STEM programs: "I started my career by exiting high school with no future plan. Luckily, a shop teacher convinced me to go a tech college and work nights at a machine shop. I was hooked on manufacturing so I took the opportunity to go back to college to study Manufacturing Engineering. The next 25 years of my career have been great experiences advancing through developing people, teams and technology to solve complex manufacturing hurdles. Our next generation needs more than luck to start their career journeys. I feel it is our responsibility to inspire young talent by creating opportunities for both immediate careers and pathways for those who want to continue to be the next innovators and leaders. On behalf of myself and everyone here at TTM, we are proud and honored to be a part of the P-TECH mission!"

Mark's story is compelling and the reason why he this year's recipient of the CNY STEM Champion award.

TTM Technologies, Inc. is a leading global manufacturer of printed circuit boards and RF and microwave components and assemblies. The acquisition of Syracuse-based Anaren in 2018 has been a great synergy addition to the company that now consists of 24 manufacturing sites globally with 17 sites located in North America with 20,000 employees worldwide.

As TTM continues to grow, the vital core of the business is focused on the most important building block – the people. For many years TTM has been very successful in developing talent organically, resulting in great careers for our personnel.

The catalyst for acquiring and developing people often starts with TTM's focused and driven investment in getting young people interested in Manufacturing and Technology through

SPECIAL RECOGNITION AWARD

Educator
ROBERT A. "BOB" LESLIE



Robert A. "Bob" Leslie has been Director of Career & Technical Education (CTE) for the Syracuse City School District (SCSD) since 2014. Before that, Bob oversaw CTE and Adult Education for Onondaga-Cortland-Madison BOCES for seven years. As the CTE Director of both a Big 5 and a BOCES, he gained a broad perspective of both organizations.

of Trades and Technical Training where he led Carrier's move to the multi-craft skilled trades. While in Technical Training, he assisted in the development and recruitment of a skilled machining workforce, mandated safety training, total productive maintenance, and lean manufacturing.

In the past five years, Bob has created numerous new and emerging CTE programs and certification pathways. He has worked extensively with the New York State Department of Education, moving the mission of CTE and has been instrumental in establishing high standards for the implementation of quality SCSD CTE programming that is held in high regard across the state. Bob also worked to increase collaboration with all NYS P-TECH programming for the benefit of all students and worked tirelessly to establish new certification titles to meet emerging technology programs.

Bob will be retiring from the SCSD at the end of this school year and we are happy to present him with this special recognition for "Supporting the growth and expansion of Career & Technical Education in Central New York".

Bob holds both BS and MS degrees in Technology and Technology Education from SUNY Oswego as well as a Certificate of Advanced Studies in Leadership. He worked in the private sector for more than twenty years in plant, maintenance and technical training management.

At Carrier Corporation, as a first line supervisor in the Carlyle Compressor Division, he was responsible for supervision, quality and production. He also held the position of Manager

ENGINEERING WARS

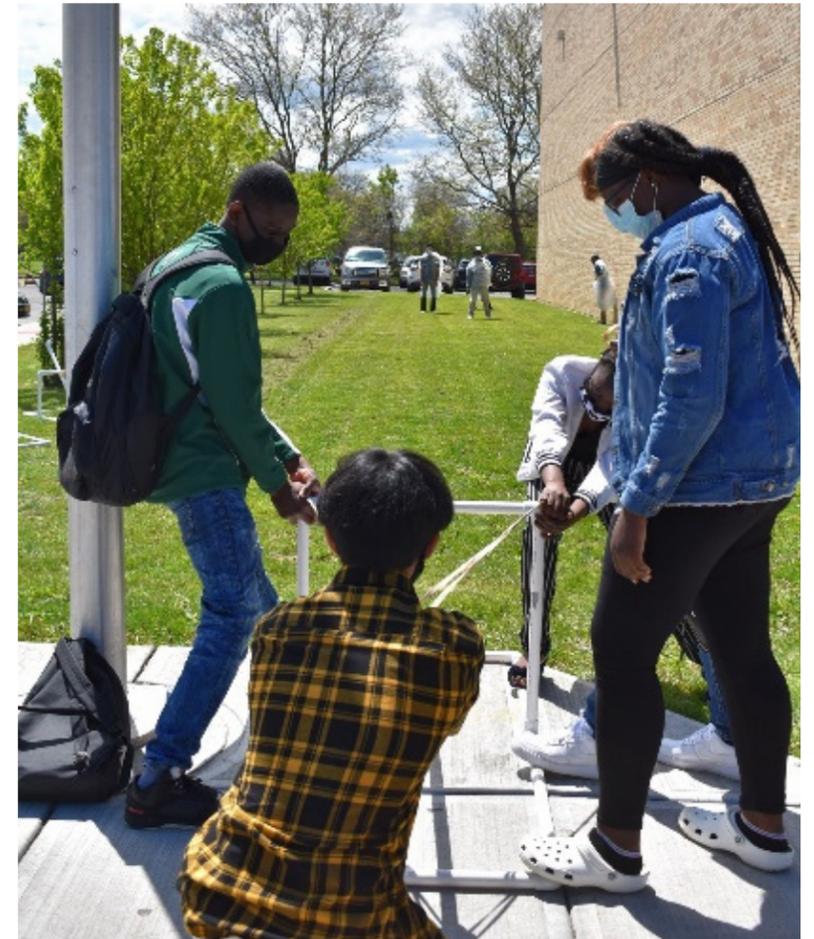
Engineering Wars was kicked off on May 3rd, by C&S Companies President and CEO, John Trimble. The challenge was for 9th and 10th grade P-TECH students to design, fabricate, and operate a functional catapult using only the provided materials. Building-kit materials included PVC pipe, PVC fittings, pipe primer, pipe glue, rubber bands, duct tape, and three rubber balls. The student teams had nine school days to complete the challenge. Catapults were then scored on technical drawings, construction quality, a final presentation, and a video of the catapult launching both rubber balls for distance and eggs for a soft-toss challenge.

The competition was broken into phases. First, students generated their designs and drawings using AutoCAD. The drawings were required to be submitted prior to beginning construction on the catapult. Teams then worked off their drawings to begin building their design. Once everything fit together properly the final product was glued together. Students were then required to create a presentation showcasing their design, including any challenges encountered along the way.

For the day of competition videos, each team designated launchers and spotters. Teams had three rubber balls they launched from their catapult and measured where each one landed for distance. After the furthest of the three launches was recorded, it then became all about the egg toss. Our brave egg receivers geared up in ponchos and skillfully caught the eggs being launched at them. While many eggs were caught, there were also plenty of laughs and splattered eggs!

It was a close competition, and the final tiebreaker came down to distance. Congratulations to our partners in the Auburn P-TECH program, for their second-place finish. Our friends at CiTi BOCES in Oswego took home the trophy which will reside there until next year's Engineering Wars competition. MACNY President and CEO, Randy Wolken, served as an award panelist.

This competition empowered students to set goals and be creative, fostered collaboration, and gave the students a sense of accomplishment watching their design become a reality. Volunteer coaches were included in every phase along the way. A special thank you to the sponsor, C&S Companies and volunteer career coaches from Bo-Mer Plastics, Eagle Metalcraft, INFICON, ITT Goulds Pumps, Saab, Inc. and Young and Franklin, Inc. for dedicating their time to support the young P-TECH students in this challenge. These experiences for students would not be complete without our business partners and the time they graciously give.



JOBS ●



Masengesho “James” Nyonkuru graduated with a Regents diploma and a Career & Technical Education (CTE) endorsement from the welding program at Corcoran. James came to the US from the Congo as a refugee in March 2019 but had practiced shielded metal arc welding in his native country. Through a job shadow opportunity at G. A. Braun, James was encouraged to apply for a position. He passed the required testing and joined the company as a welder in July 2020.



Travius Berkley successfully completed the P-TECH Engineering program at ITC in the Syracuse City School District and took advantage of job shadow and internship opportunities where he gained additional experience in assembly, AutoCAD, Solid Works and Autodesk Inventor. Travius also trained in six sigma and lean manufacturing during his time at OCC. He graduated with an Associate degree in Mechanical Technology in August 2020. Travius is now a Process Engineering Technician at TTM Technologies in their A&D division.



Loretto offered two scholarships last year and through that experience they were acquainted with a pool of qualified candidates looking for opportunities in health care. Andrea Sumida (far right) one of the scholarship winners, worked last summer assisting with COVID registrations. Jade Dillenbeck (right) the other scholarship awardee, participated in CNA training along with Allie Ross (pictured on the left). They both worked this summer and are eligible to work during their breaks from college.



King + King Architects has been involved in the CNY STEM Scholarship Program since 2017 and that first scholarship was awarded to Elise Ranieri. Elise has been attending Worcester Polytechnic Institute majoring in Architecture and has been a summer intern at King + King since her sophomore year. Elise was recently offered and accepted a permanent position with the firm.



● INTERNSHIPS



James Mark will be in his last year of the Auburn P-TECH program this Fall and will be graduating from Cayuga Community College in May 2022 with his AAS in Electrical Technology. He was offered a summer internship at United Radio and is currently rotating through various departments in United Radio's Automotive Electronics Division, working in Customer Service, Quality, Research and Design, and Technical Service.



Cami Meyers is entering her last year of the Auburn P-TECH program. She will be graduating from Cayuga Community College in May 2022 with her AAS in Mechanical Technology, with a concentration in Mechatronics. Cami will be completing a 10-week internship over the summer at Xylem in Auburn. During this time, she will be working in the Engineering Department on technical write-ups and 3D modeling work. Department.



Each year SRC offers paid internships as part of their commitment to their CNY STEM Scholarship sponsored students. This past Spring Ethan Stockbridge (left) interned at SRC in the Engineering Department. This summer, Joshua Budihardjo (right) is interning in the Engineering Department while Kayla Gray (left) and Nichole Oleyourryk (right) will be with the Electronic Warfare team. Department.



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