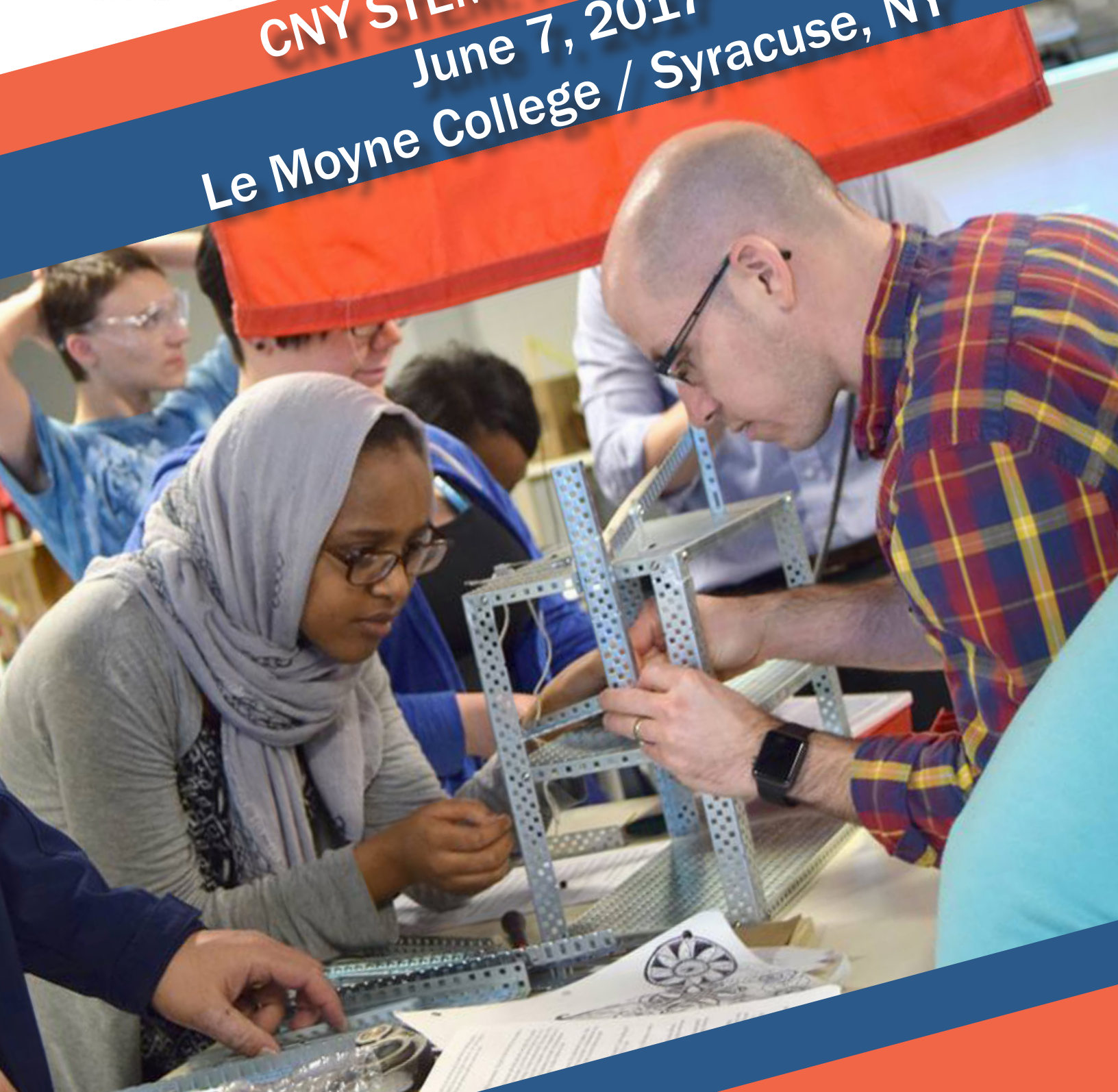


2017 FEB ANNUAL AWARDS



CNY STEM: A Success Story
June 7, 2017
Le Moyne College / Syracuse, NY



WELCOME MESSAGE



On behalf of the PEB Board of Directors and the PEB/MACNY organizations, we want to welcome you to the 2017 Annual Awards Program. Please join me in congratulating all of this year's winners, especially the students. In its 23 years, PEB has presented over 350 awards to recognize individuals, companies and organizations committed to the advancement of career preparation of youth and adults in Central New York. That tradition continues today.

We are pleased to announce the 5th group of CNY STEM Scholars and news that our 1st group of scholars has graduated. The CNY STEM Scholarship Program is a partnership of the Tech Sector and SRC, Inc., C&S Companies, Carrier Corporation, King+King Architects, Schneider Packaging Equipment Company, INFICON and the CNY STEM Hub. This year's program had applicants competing for 12 scholarships worth over \$100,000. The quality of the candidates is something that our region can be proud of and this investment by the companies includes paid internships while in college. Thank you to our esteemed panel of judges and the PEB staff that makes it happen.

Congratulations to our 2017 CNY STEM Champion, John Trimble, President of C&S Companies. John and C&S have consistently been leaders in our community, advancing STEM education. Some of our other stars are this year's Career Spark awardees: James Branche of United Radio and Mel Menon of DARCO Manufacturing; SRC, Inc. as leader of the Tech Sector and the STEM Career Exploration series held on 8 evenings during the school year. AT&T has become a major player by sponsoring our 1st CNY STEM Summer Camp for Young Women which will continue this summer, along with solid support for the advancement of CNY Women in STEM. Thanks again to the many other winners for their contributions.

The PEB Career Spark campaign continues to build momentum and we want to thank those that have provided financial support to the PEB Mission. Please see the list of supporters in the back of the program. The Sector Strategy has allowed several unique initiatives to take place, including Manufacturing Careers Day at Welch Allyn and The Fulton Companies, Law Career Day in partnership with the Onondaga County Bar Association, our 1st CNY STEM Job Shadow Day and 1st CNY Innovation Challenge, both held at Le Moyne College, along with many other success stories.

We also are recognizing student success that the P-TECH program has brought to the Syracuse and Auburn Districts. Many companies are stepping up to partner with the schools by serving as career coaches/mentors and hosts for tours, job shadows, internships and now focusing on employment.

None of the PEB success would be possible without the tremendous efforts of Meghan McBennett, Yael Miller, Savannah Stevens and Meriel Stokoe-our staff at PEB. Special thanks goes to Kathy Birmingham, who continues to work hard to advance the career education of youth in the region.

Finally, I want to express my gratitude to Randy Wolken and the MACNY staff for all of their support in helping PEB to be successful as we close in on completing our 7th year as affiliates. In addition, the MACNY and PEB Board of Directors and the MACNY membership, have provided the support that has allowed us to provide much-needed career exploration and workforce development services critical to the success of our community. Thank you!

Sincerely,

Joseph C. Vargo
Executive Director



MASTER OF CEREMONIES



Niko Tamurian
Sports Director, CNY Central

Niko Tamurian is the Sports Director at CNY Central. He leads the charge on CNY Central's award winning sports coverage, establishing the sports department as the authority on Central New York sports.

Niko has been nominated for the prestigious Emmy Award and has won the "Outstanding Sportscast" by the New York State Broadcasters Association, The Edward R. Murrow Award and many Syracuse Press Club Awards, including Best Sportscast, Best Sports Story, Best Sports Show, and Best Human Interest Feature Story.

Niko grew up in East Syracuse, graduating from East Syracuse-Minoa High School in 2003. He earned his bachelor's degree from SUNY Buffalo State after earning his Associates Degree from OCC.

Niko is proud to be able to give back to his community. He volunteers at Helping Hounds Dog Rescue and serves in honorary roles on several boards, including being a major proponent of the Challenger Field of Dreams which gives special needs little leaguers their own home field.

Just as importantly, he thrives on telling the compelling sports stories that you can only find at CNYCentral.com.

AGENDA

CALL TO ORDER

John Spina, Past President- PEB Board of Directors

WELCOME

Dr. Kate Costello-Sullivan - Dean of the College of Arts and Sciences, LeMoyne College

REMARKS

*Randy Wolken, President- MACNY
PEB Report Joseph C. Vargo, Executive Director*

AWARDS

Niko Tamurian, CNY Central- Emcee

2017 CNY STEM CHAMPION

John Trimble, President C&S Companies

CNY STEM SCHOLARSHIPS PRESENTATION

Speaker: John Drogo and Aaron Lim

MERCHANTS OF HOPE MENTORING AWARDS

*Mentor of the Year – Shawntay Thompson
Mentoring Program of the Year – Syracuse University-
“Straighten Your Crown”*

PARENT UNIVERSITY AWARD

Ichtiyak Al-Badeh

CAREER SPARK AWARDS

*James Branche- United Radio
Mel Menon- DARCO Manufacturing*

BUSINESSES OF THE YEAR

*CNY STEM Job Shadow Day Host Companies/
CNY STEM Career Sessions*

P-TECH BUSINESS PARTNERSHIP OF THE YEAR

*Syracuse- BCI Empire Division and Allen Tool Phoenix
Auburn- Currier Plastics*

AT&T CNY WOMEN IN STEM

Kevin Hanna, Regional Director- AT&T External Affairs

Andrea Oakes, SUNY ESF

Anita Zanin, AZ Forensic Associates, LLC

PEB SECTOR STRATEGY AWARDS

*Advanced Manufacturing- Welch Allyn/Hill-Rom
and The Fulton Companies*

*Technology- SRC, Inc., AT&T, Bond (BSK)
for CNY Innovation Challenge*

Sponsored by SRC, Inc.

*Financial & Professional Services- Barclay Damon
Sponsored by Ferrara Fiorenza, PC*

STUDENTS OF THE YEAR/P-TECH STUDENTS

Sponsored by Covanta

CONCLUSION

PEB BOARD OF DIRECTORS

- **Karen DeJarnette**, Fast Lane Consulting and Education Services, Inc.
- **Walter Dengos**, National Grid
- **Dr. Donna DeSiato**, East Syracuse-Minoa School District
- **Dr. Rob DiFlorio**, Henninger High School
- **Kathy Ferrara**, Manufacturing Consultant/Coach
- **Marianne Ferris**, United Way of CNY
- **Dave Freund**, MACNY
- **Bruce Hamm**, Community Advocate
- **Carol Hill**, SUNY Educational Opportunity Center
- **Dr. Jody Manning**, OCM BOCES
- **Rich Nave**, Empower Federal Credit Union
- **James Petrie**, Board Treasurer, Haylor, Freyer & Coon
- **Mark Pulver**, Community Advocate
- **Dr. Joe Shedd**, Syracuse Univ. School of Education
- **John Spina**, C&S Companies
- **Gary Stevens**, SRCTec
- **Matt Tryniski**, Board President, SRC, Inc.
- **April Wilkowski**, Lockheed Martin



PEB AWARD WINNERS

CNY STEM Champion Award

John Trimble, President, C&S Companies



John Trimble is a licensed professional engineer in numerous states and is also a LEED accredited professional through the US Green Building Council. He received an A.S. in Engineering Science from Alfred State University and a B.S. in Civil, Environmental and Structural Engineering from Clarkson University.

He has been with the C&S companies since 1990 and is responsible for overseeing all of the company's design and construction projects and staff. John executes the strategic and tactical operations plans for C&S, leads in optimizing business functions, and continues to diversify and grow the business nationally. He has also served as C&S's vice president overseeing facilities design services and as president of the company's construction management company.

John is an advisory council member of the Syracuse City School District's Career & Technical Education, which is providing pathways to a number of careers needed by employers in our region. Under his leadership, C&S has opened their doors numerous times to students interested in exploring careers in design, construction, engineering, etc. through tours, job shadows, internships and teacher forums.

John is a dedicated supporter of STEM and is instrumental in sponsoring many STEM-related initiatives in our community. He has created a culture where many employees are engaged in STEM. Some of the STEM initiatives that he and C&S Companies are supporting include Enterprise America, investing in students' future careers by sponsoring CNY STEM Scholarships, is organizing the first S.T.E.A.M (Science, Technology, Engineering, Arts and Math) exhibit at the Great New York State Fair, and has championed a summer engineering camp for students at C&S.

Congratulations and thanks to John Trimble for being our 2017 CNY STEM Champion!



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Congratulations to our president and CEO John Trimble!



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PERSONAL

BUSINESS • WEALTH

CNY STEM SCHOLARS



Urie Choi
Fayetteville-Manlius

Urie's interest in engineering began when her piano teacher gave her a music box. Its visible inner machinery fascinated her and she carefully analyzed how the wind-up key triggered one gear that consequently affected another.



For Science Olympiad, Urie chose to design a violin. She meticulously mapped out blueprints, bought countless cigar boxes to test the strength of the wood and used screws for makeshift pegs.

She is currently involved in Math League and co-captains Fayetteville-Manlius's top high school team which has qualified for the state level three times.

Her teachers describe her as intelligent, a great problem solver, creative and one who always embraces a challenge. Urie is not afraid to try unique approaches and learns from her failed attempts. Each assignment is done with enthusiasm and outstanding performance.

She volunteers her time at both Crouse and Upstate Hospital keeping elderly patients company, checking inventory, assisting with basic patient care, and helping move medical supplies throughout the facility.

In the Fall, Urie will be attending Dartmouth College and majoring in Engineering and Computer Science.



Mara Nunez
Corcoran High School

Mara has always wanted to use technology, specifically computers. When she was 11 years old, she decided to take apart some old non-working laptops and see if she could make one work. With no prior computer experience, she built herself a working laptop. Mara began to do more research and eventually after 6 years, built her own high performing desktop.



Mara has been the captain of her VEX Robotics team which has been very successful. She has received numerous awards including the Excellence Award, Tournament Finalist, the Design Award, the Judges Award, the Sportsmanship Award, and the Hometown Hero Award. In the summer after 10th grade, Mara was invited to a conference for future science and technology leaders, where she received the National Academy of Future Scientists and Technologists Award of Excellence.

Mara has participated on her school's varsity softball and cross-country teams, and has involved herself in the tech and stage crew for her school's plays and musicals.

Mara will be attending Worcester Polytechnic Institute in the fall where she will be studying Computer Engineering.



Jacob Polacek
Westhill High School

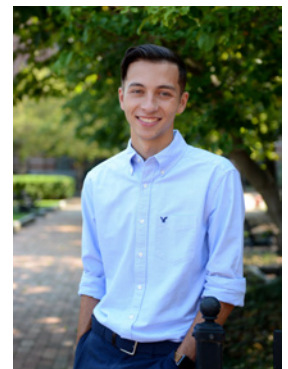
Jacob developed his love for the field of Computer Science while taking the Project Lead The Way Computer Science and Software Engineering course. He often built on what he had learned in the classroom from his teacher, the program, and other students and improved his skills in programming by creating programs in Python at home.

His teachers admire his dedication, resourcefulness and ability to thoroughly understand a specific topic and to research multiple solutions, frequently not taught in the classroom to improve and simplify his programs.

Currently, Jacob is writing code for the Arduino so that it acts as the microprocessor for a drone that accurately follows a user using ultrasonic sensors.

Jacob is a member of the Physics Club and VEX Robotics Club helping to design and program a robot for competition. He has participated and captained both the varsity soccer and hockey teams. Furthermore, Jacob has been inducted into both the National Honor Society and French National Honor Society.

Upon graduation, Jacob will be attending Cornell University in the fall where he will be studying Computer Science.



Benjamin has always been intrigued and motivated by unconventional problem solving. This skill, along with his passion for science and mathematics, has inspired Benjamin to become an engineer.

Benjamin was awarded with the Siemens Foundation Engineering Research Internship where he worked with a PhD student, on a unique project combining smart materials research with engineering outreach. He was tasked with learning about a new class of shape memory materials, known as quadruple shape memory polymers and created a video documenting the behavior of these polymers for a lay audience. Ben also created and presented a scientific poster at the Syracuse University Undergraduate Research Symposium and won fifth place in the biomedical and chemical sciences category.



Ben has competed on the Onondaga Central boys cross country team that has qualified for the Section 3 Boys' Class D championships since his freshman year. He has been on the High Honor roll and Principal's list throughout high school and was honored with Valedictorian for the class of 2017.

In the fall, Benjamin will be attending Cornell University where he will be studying Electrical and Computer Engineering.

Congratulations to our 2017 SRC STEM Scholars!

Urie Choi - Fayetteville-Manlius

Mara Nunez - Corcoran

Jacob Polacek - Westhill

Benjamin Posnick - Onondaga Central



CNY STEM SCHOLARS



Michaela Tangredi
Marcellus High School

As a little girl, Michaela enjoyed watching her grandfather create wonderful feats of engineering. She was driven by his brilliance and knew she wanted to pursue a career in mechanical engineering. With her strong math and science skills, Michaela wants to become an animatronics engineer, transforming ideas or characters into reality.



According to her teachers, Michaela is driven to be the best, and consistently provides thought provoking perspectives during class. She is not afraid to talk things out or state her opinion on what she believes to be correct.

Michaela has participated on her school's soccer and track team for all 4 years. She is an active member of many clubs including: (SADD) Students Against Destructive Decisions, Student Government, Character Education Club and is a member of many Honor Societies. Recently, Michaela created her own service event at Marcellus High School. She organized a "students vs. staff volleyball game" with all proceeds benefiting the National Fallen Firefighter's Foundation

Michaela will be attending Clarkson University in the fall where she will be studying Mechanical Engineering.



Jordan Tryon
Oswego High School

When Jordan was younger, he would take apart old or broken electronic devices to see what was inside of them. As time progressed, Jordan found himself engaging in LEGO and MINDSTORMS to create small robotic projects which led him to VEX robotics where he has fabricated his own robots and has even built his own computer.



In his Digital Electronics class, Jordan produces excellent projects and creates outstanding electronic circuitry. He thinks critically, has a logical mind, and solves problems quickly and elegantly.

Jordan is the captain of the local VEX robotics team "Freezing Code." Along with winning the Northern New York State championship, his team has received Tournament Championship Awards, Design Awards, Excellence Awards, and Skills Awards. With his VEX team, Jordan travels to various schools to give presentations and demonstrations to teach children about robotics.

In addition to his VEX team, Jordan participates on a college robotics club called "Team Mini." He is the lead designer and fabricator on the team tasked with creating a new remote controlled robot that launches tee shirts during intermissions at hockey games.

Jordan will be attending Clarkson University in the fall where he will be majoring in Mechanical Engineering.



While taking a "Civil Engineering and Architecture" class, Elise realized that she wanted to pursue a career in Architecture. She used Revit software to design a computer model of a hotel project, learning about building codes and requirements, and site ingress and egress. During this project, Elise worked under the mentorship of engineers from C&S Companies and architects from King & King Architects. She continued on to job shadow at King & King Architects, Harmony Architects and volunteers with Habitat for Humanity.

Elise's teachers remark on what a mature, responsible, and independent student she is, always willing to share her knowledge and talents with her peers. She has played basketball all 4 years in high school and for the past 2 years, has been on the varsity tennis team. She is an active member of both Spanish and Art club, and has been a part of the Percussion Ensemble all 4 years of high school.

Elise will be attending Worcester Polytechnic Institute in the Fall where she will be studying Architectural Engineering.

Elise Ranieri
Westhill High School



Congratulations 2017 STEM Scholars!

Jordan Tryon
Oswego High School

Michaela Tangredi
Marcellus High School



PEB AWARD WINNERS

Parent University Award
Ichtiyak Al-Badeh

Parent University is an initiative introduced by Syracuse City School District Superintendent Sharon L. Contreras. Studies show that the most successful students are those whose parents are involved. Parent University was created to help families learn what they can do to support their children's academic success and well-being. It is an initiative designed to inform, involve, and empower families of students in the city's public schools. Parent University offers parents and other family members a variety of meaningful classes and workshops that will add to their existing skills and give them opportunities for continued growth and development.

The goals of Parent University include providing support for families so that they may achieve personal academic and non-academic goals, providing parents and families with the necessary resources to support their children's emotional growth and development, and increasing the number of parents who feel positively connected to their child's school.

Ichtiyak Al-Badeh exemplifies the ideal volunteer. She consistently goes above and beyond the call of duty to assist and support Parent University's Childcare program. She is extremely reliable and comes to work with a "take charge" attitude. Both the children and their parents have commented on how she is always prepared with materials that she brings with her to engage the children and make their day productive, educational and fun.

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the
PEB Annual Awards
Program

Congratulations Elise!



PEB AWARD WINNERS

Merchants of Hope Shawntay Thompson

Shawntay Thompson has been a mentor in the Syracuse City School district since 2014. Two of the years were spent mentoring a student at McKinley Brighton Elementary School where one of her main goals was to improve the student's reading and reading comprehension skills. Chapter books were read and discussed, and fun learning activities using the computer were organized at the local public library. As a result, Shawntay's influence was evident through the student's increase in school attendance and decrease in school suspensions. Shawntay is presently mentoring a 12-year-old at Roberts Middle school. Through weekly meetings, they discuss goals and how to channel the student's natural leadership skills in a positive way. At Corcoran High School, Shawntay mentors a senior who is in danger of not graduating. Shawntay is helping to prepare her for Regents by reviewing Global Studies and U.S. History and constructing short answer essay questions and reviewing practice exams.

Shawntay is a Registered Nurse, and has a Masters Degree in Healthcare Administration. Her personal goal is to pay it forward to another student, as she is a product of a mentoring program during her high school years. Her mentor had instilled in her the importance of hard work, leadership and teamwork. My goal is to inspire young ladies to dream big and pursue their life goals.

Merchants of Hope Syracuse University **Straighten Your Crown Mentoring Program**

While tutoring female students in the Syracuse school district, the founders noticed how poorly the female students were treating one another. Something was missing in the school system for the girls. This sparked the creation of *Straighten Your Crown Mentoring Program*. *Straighten Your Crown* (SYC) is a mentoring program that is centered on teaching elementary and middle school girls to embrace their inner and outer beauty. Student leaders at Syracuse University have visited middle schools in the Syracuse School District to teach the young ladies invaluable life lessons in leadership, strength and healthy living by using their experience in etiquette and female empowerment.

The student leaders have used their experience at the university to inspire these young ladies to strive for higher education and achieve great success in their selected career paths. To date, this organization consists of over 40 mentors, who are currently mentoring in Clary Middle School, Danforth Middle School, and the Determination Center. SYC has impacted over 100 girls in the Syracuse community, transforming young ladies into phenomenal women. The program is looking forward to extending their reach to other schools so that it can have an even greater impact.





Bright ideas

We're 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 announce and support the 2017 PEB Women in STEM awards.



PEB AWARD WINNERS

Career Spark Award **Melissa Menon, DARCO Manufacturing**



The Career Spark Award is given to a person who embodies motivational leadership in igniting enthusiasm in individuals who are exploring their future careers.

In her position as Talent/Community Engagement Manager, Mel's work includes fostering relationships between DARCO, business partners, community organizations, and education/training programs to inspire curiosity and interest in manufacturing. As a P-TECH mentor, Mel has engaged students by encouraging them to try different methods to find the best design principle when working on a project "challenge." Her company was involved in representing the Manufacturing industry at the Girls World Expo, held at the NYS Fairgrounds last November. Mel reached out to the P-TECH Program and included five female high school students in demonstrating various machines to girls at the event.

Melissa serves on the board for the Syracuse/Onondaga County Youth Bureau and has continuously "sparked" students' interests in exploring careers and preparing for the workforce through her 10+ years of counseling, implementation of innovative programs in education, and outreach in the community.

Career Spark Award **James Branche, United Radio**



The Career Spark Award is given to a person who embodies motivational leadership in igniting enthusiasm in individuals who are exploring their future careers.

James is a very engaged human resource professional who devotes a considerable amount of time "sparking" the future workforce. His involvement, along with support from United Radio, has helped to tell the story of a great Syracuse company with jobs/careers that more young people need to consider.

As H.R. Manager for United Radio, James is heavily involved in cultivating new talent for future employment. He puts his work as previous chair of CNY SHRM's Diversity & Workforce Readiness Committee to good use as he partners with local community organizations and connects with underrepresented groups, one of which is mentoring through the Syracuse P-TECH Program.

James uses his professionalism to offer students insights into how to best construct their resumes, how to have a successful interview, and how to communicate and network with adults, especially those in the industries that represent their career interests. He delights in having students whom he has mentored approach him at an event and carry on a friendly conversation. This award recognizes his participation in Syracuse PTECH as a career coach, STEM Career Days, CNY STEM Career Series (evenings) and a host of other career opportunities that he provides for young people to consider in their pursuit of post-graduation and careers.

Congratulations to all of the
2017 Award Recipients!

We would especially like to acknowledge

James Branche

for his dedication and commitment to our
community earning him the

2017 SPARK Award



HR Manager

UR UnitedRadio

■ PEB AWARD WINNERS

Businesses of the Year **CNY STEM Job Shadow Day**

On February 2nd, 2017, PEB coordinated the 1st annual CNY STEM (Science, Technology, Engineering and Math) Job Shadow Day. Fourteen companies, many of them members of the CNY Tech Sector, opened their doors to high school and college students from the region. About 250 students from 12 area school districts, BOCES and Le Moyne College participated.

School districts that participated were Bishop Grimes, Central Square, ESM, Living Word Academy, Marcellus, OCM BOCES, Skaneateles, Syracuse Academy of Science, Syracuse City, West Genesee and Westhill. A few students from Le Moyne College also participated.

Students' experiences included a vast array of activities: informational sessions about the company and the kind of STEM jobs they are hiring for; company tours; technology demonstrations; participation in team meetings; practice interviews; listening in on customer service calls; and, problem-solving exercises.

The day was a huge success and information gathered from a survey was analyzed and presented to all the companies to ensure that best practices are repeated, and improvements are taken into consideration to make next year's CNY STEM Job Shadow Day even better.

2017 CNY STEM Career Exploration Series

Studies have indicated that New York companies have more STEM (Science, Technology, Engineering & Math) jobs than they can fill. To address this issue, PEB helped organize 7 career exploration events that were held at local high schools and hosted by various local businesses.

Companies delivered presentations to students ranging from middle school to high school, describing what careers were available and how each representative explored Science, Technology, Engineering, and Math and ultimately settled on their perspective careers. Students were often challenged with an activity that illustrated the use of STEM and prizes were awarded accordingly. The sessions were very well attended and as a result, will be expanded next year to 12 sessions.

Participating Companies

- **Anaren**
- **Anoplate**
- **C&S Companies**
- **GE Inspection**
- **ICS Solutions**
- **IV4**
- **King+King Architects**
- **Manth-Brownell**
- **National Grid**
- **Optanix**
- **Plumley Engineering**
- **Schneider Packaging Equipment Co.**
- **SIEMENS**
- **SRC, Inc.**
- **United Radio**

Special thanks to Chuck Wainwright Photography
wainwrightphoto@mac.com



PEB AWARD WINNERS

P-TECH Partnership of the Year **BCI Empire Division and Syracuse P-TECH Program**

BCI Empire Division has a talented workforce that is willing to share their skills and integrity to help influence the career paths of many of the P-TECH students. The company has a mission to be the leading, most highly respected independent corrugated packaging company in North America; their local vision is also aligned with this mission through community outreach and creating opportunities for students while building lasting relationships that may result in future employment.

During this school year, BCI Empire Division has welcomed a total of 16 P-TECH juniors into their facilities on six separate occasions, allowing them to shadow with BCI associates to gain insights into their organization and the manufacturing process. They also previously hosted a large group of P-TECH sophomores for a company tour, presentation about the company – types of jobs, entry level pay, products/services – and provided them with a challenge to assemble a box as quickly as possible. Students not only competed to be the “first” to figure out how to put the box together, but were delighted to be able to take them back to school with them.

BCI is also very safety-conscious and recently had many of their associates receive training in a Red Cross course for first aid, CPR and AED. They are fully-prepared to have volunteers who are willing to render medical aid as necessary either for minor issues or until fire and ambulance arrive. The P-TECH sophomores will be taking their OSHA 10 Safety training class during P-TECH’s Summer Bridge program in July and will be visiting a few companies, like BCI, to observe how a company implements safety procedures throughout the workplace.



P-TECH Partnership of the Year **Currier Plastics and Auburn P-TECH Program**

Currier Plastics, a custom molding manufacturing facility in Auburn NY, has sponsored a new plastics degree program at the local community college in Auburn - Cayuga Community College (CCC). One of the goals behind the CCC program is to help plastics industry employers find local graduates and other workers who are better prepared for the jobs they’re trying to fill. Partnering with the Auburn P-TECH Program and CCC, Currier Plastics will be able to nurture the students and help them develop the essential workplace skills they’ll need for their future careers in Advanced Manufacturing.

Currier Plastics has been very active in the Auburn P-TECH program, working with students in a pathway program for electrical and mechanical engineering technicians at Auburn High School. Four representatives from Currier Plastics participate at monthly Career Coaching Events with P-TECH Students. During these events the representatives act as mentors, helping to guide students in design challenges, and hosting tours for freshmen and sophomore students. Through their involvement, Currier Plastics is helping students to complete “real world” activities that translate directly into usable skills in today’s society and hopes to inspire other manufacturers to support education initiatives and grow the manufacturing workforce.

P-TECH Partnership of the Year **Allen Tool Phoenix and Syracuse P-TECH Program**

As a Women-Owned Small Business that specializes in the Advanced Manufacturing of precision machined components, Allen Tool Phoenix realized that one of their challenges – finding skilled employees – could be enhanced through a relationship with the P-TECH Program. The company’s CEO, Cheryl Maines, is an advocate for mentoring, training and educating the current and future workforce. Several of the company’s employees are Career Coaches/Mentors, working on in-school projects with the P-TECH sophomores. They have provided guidance to the students through several activities, including the Roller Coaster Challenge, College & Career Readiness, and H.R. Review. The company as a whole has hosted small groups of P-TECH juniors for Job Shadows on four separate occasions, developing relationships and helping the students understand the link between school and the real world of work. The students are intrigued that this small local company manufactures parts for various space flight programs, including stage separation components for Orion!

PEB AWARD WINNERS

AT&T CNY Women in STEM **Andrea Oakes, SUNY ESF**



Dr. Allison Oakes is a graduate of SUNY-ESF in Syracuse, NY, having earned her doctorate in Plant Science and Biotechnology in 2015. She is currently a postdoctoral research associate at SUNY-ESF and maintains the production of micropropagated American chestnut shoots of over one hundred different lines. She is currently investigating the effect of different growth

regulator concentrations on shoot development and is continuing her dissertation research focus on improving rooting and acclimatization of American chestnut shoots. In addition, she has initiated, multiplied, and rooted Ozark chinquapin, a related North American species that is also killed by the chestnut blight. In her spare time she enjoys establishing many different kinds of plants in tissue culture, including the ESF campus' Robin Hood Oak.

She has published seven research papers and is also lead author on the regulatory documents needed by the EPA for eventual de-regulation of The American Chestnut Research and Restoration Project's blight resistant American chestnuts. She enjoys giving talks at conferences and to the general public, leading tours of the Plant Production Lab at the CNY Biotechnology Accelerator, which she manages, and connecting with future scientists through workshops and mentoring. In April, Dr. Oakes gave a presentation about the Chestnut Restoration Project to students enrolled at Henninger, Fowler and Corcoran high schools, as a collaborative event involving PEB and the Biotech Accelerator Center. She and her grad students also had the students view the bioengineered chestnut tree seedlings that will be used in the project and then provided a hands-on activity so that the students could "build" their own miniature terrariums. Dr. Oakes also loves teaching biology, and has been an Adjunct Professor at Onondaga Community College Department of Biology since 2016.

AT&T CNY Women in STEM **Anita Zanin, AZ Forensic Associates, LLC**



Anita Zanin is an internationally recognized expert in bloodstain pattern analysis and has been accepted as an expert in both federal and state courts. She has worked on criminal and civil cases in the United States, Canada, Australia and the United Kingdom. Due to her unique background, Ms. Zannin is also frequently retained as a non-testifying expert

to assist counsel in understanding the various scientific and medical components of their cases. In this capacity, she also suggests experts needed, assists in drafting questions for trial and even attends trials to assist counsel when needed.

She is a member of several professional organizations, such as the American Academy of Forensic Sciences (AAFS), International Association for Identification (IAI), International Association of Bloodstain Pattern Analysts (IABPA) and a charter member of International Veterinary Forensic Sciences Association (IVFSA) and the Worldwide Association of Women Forensic Experts (WAWFE), as well as a member of Women TIES.

Anita is an alum of S.U., and taught for four years for the college's Forensic and National Security Sciences Institute (FNSSI), also serving as the faculty advisor to S.U.'s FNSSI's Graduate Student Organization.

Anita and several of her grad students have collaborated with PEB in the past, conducting mock crime scene investigations for students interested in Forensics, working on STEM projects with high school students enrolled in the Le Moyne College LPP summer camp, and her team has also lead "CSI" type workshops at Girls, Inc. and career fairs at Skaneateles Middle School. She is an outstanding advocate for promoting medical and forensic careers to students throughout CNY!

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SECTOR STRATEGY AWARDS

Advanced Manufacturing Sector
**Welch Allyn / Hill-Rom and
The Fulton Companies**

Welch Allyn and The Fulton Companies, in conjunction with Partners for Education and Business, Inc. (PEB) and MACNY, were hosts for the 7th Annual Manufacturing Careers Day event on October 7th, 2016. Manufacturing Careers Day serves as an annual opportunity for regional high school and college students to visit participating manufacturing companies to tour, engage and learn firsthand about the many benefits and opportunities available in manufacturing careers. It also serves as the kickoff for the New York State Manufacturing Month, a month long calendar of nearly 100 events held statewide supporting manufacturing in New York State.

The host companies' collective goal was to expose students and teachers to the myriad of potential career paths and opportunities that abound in a manufacturing career. Students are our nation's future, and we want to engage with them early on and introduce them to careers that they may have never even thought possible - right here in their own CNY communities.

A total of 435 students and teachers from 9 area high schools spent the morning visiting 6 tour stops at each of the campuses of Welch Allyn and The Fulton Companies. Welch Allyn's agenda included demonstrations of Robotics/Manufacturing Supply; Customer Experience Center; Supply Chain Management; Research & Development and Lean Simulations. At The Fulton Companies, students learned about the process of Manufacturing through tour stops on 3-D printing; Robotic Welding; Mechanical & Electrical Engineering; Manufacturing Custom Mechanical Equipment; Manufacturing Custom Electrical Controls and Lean Manufacturing.

Preliminary survey results are encouraging: When asked if they would consider a job in the manufacturing industry after their experience, over 70% said YES!



Technology Sector
**SRC, AT&T, Bond, Schoeneck, & King for CNY
Innovation Challenge**

A competition for middle and high school students to promote innovation and the importance of capturing intellectual property was held for the first time on April 8th, 2017. Partners for Education and Business (PEB) SRC, AT&T and Bond, Schoeneck & King hosted the inaugural Central New York Innovation Challenge at Le Moyne College in Syracuse, NY. The competition aimed to spark ideas to develop groundbreaking products or services and foster entrepreneurship by high school and middle school students. More than 60 students pitched their solutions in front of a panel of judges to win cash prizes.

PEB, SRC, AT&T and Bond, Schoeneck & King came together to spark innovation with students and promote Science, Technology, Engineering & Math (STEM) careers. The competition gave students the opportunity to solve a challenging problem, network with industry professionals, and improve presentation skills, while allowing business partners to build relationships with top local talent. The Challenge was open to students in grades 6 - 12.

Education opportunities like the Central New York Innovation Challenge are important for regional youth because according to the Bureau of Labor Statistics and U.S. Department of Labor, much of the growth in the domestic and global economy will come from STEM - related jobs - a highly lucrative and competitive field. It is estimated by 2020 there will be 2.4 million unfilled STEM jobs, underscoring the importance of providing the youth the tools and skills necessary to compete in the growing innovation economy.



SECTOR STRATEGY AWARDS

Financial & Professional Services Sector
Barclay Damon

Barclay Damon has been instrumental in providing career pathway opportunities and mutually beneficial relationships through their various programs that promote diversity, inclusion and personal development. In addition to offering paid summer associate positions to qualified underrepresented first-year law students through a partnership with S.U., the firm also created the Diversity Partners and Diversity Leadership Teams in each of the firms' offices. The Teams meet regularly to promote charitable and community events and participate in pro bono activities. One of their programs, "Lawyer Chat," has provided the opportunity to discuss with local high school students the various types of lawyers, how to afford achieving a law degree, and tips on which college courses are more relevant to their future careers. The firm also participates annually in PEB's Law Day Career Fair, which is a collaborative event coordinated with the Onondaga County Bar Association.

Begun in 2011, Barclay Damon has united with Partners for Education & Business (PEB) to offer high school students interested in Accounting or Human Resource/I.T., the opportunity to apply for a 12-week after-school internship positions at the firm. Students gain valuable "real-life" work experience while spending time in a variety of disciplines and gain an overall understanding of how a business generates income, manages expenses and optimizes profits. With the addition of the latest two high school interns, a total of 14 interns have currently participated in this program.

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STUDENTS OF THE YEAR

Jade Hendricks

OCM BOCES - McEvoy Campus
Physical Therapy and Rehabilitative Professions

Jade attends Tully High School and has been enrolled in the Physical Therapy & Rehabilitative Professions class for the past two years. She is a motivated individual who always follows through on assignments, collaborates well in groups and class discussions, and shares her knowledge with her peers. On multiple occasions, Jade has gone above and beyond – finding additional pictures for a lecture or talking to a therapist about a topic we visited in class.

A portion of the physical therapy program includes on the job observations in rehabilitation settings. Her instructors have only positive feedback in regard to her interaction with patients. Jade has attended job observations at several OCM BOCES business partners, elementary schools and P.T. centers. She has visited an orthotics and prosthetics company, fabricated a wrist splint under the guidance of a therapist, and has interacted with patients at rehabilitation centers.

Jade has been inducted into the National Honor Society at Tully High School as well as and the National Technical Honor Society through OCM BOCES. She is involved in Student Council and was elected editor for her school's yearbook. Jade recently collaborated with Miss Central New York through the Thompson-Cortland Community College English program to co-author a children's book about autism. A book Miss Central New York hopes to use at local events.

Even with her busy schedule, Jade finds time to play club lacrosse as well as varsity lacrosse and volleyball for her high school. She has volunteered at multiple lacrosse tournaments for Tully Schools and coached a team of elementary girls through the Upstate Lacrosse Association.

Jade is a very mature young lady with exceptional organizational and communication skills. She is excited about pursuing her dream to become a physical therapist and has been accepted into the Physical Therapy program at Nazareth College this fall.

Naseer Thomas

LeMoyne College Liberty Partnership Program
Henninger High School

Naseer is a forward-thinker – he is always talking about his goals and his future. He has a heart for people. His underlying motive is always, “How can I help people more?” During his junior year, Naseer helped found a movement called “2 Miles is Too Far.” This student-led movement had a goal of reducing the distance from a student's home to school required to receive a bus pass. Throughout the process, Naseer would speak at SCSD board meetings to argue in favor of this mileage reduction. Before the end of the school year, the district agreed to reduce the distance from 2 miles to 1.5 miles. This allowed roughly 500 more students from across the district to be able to take a bus to school. Naseer is still active with the group, working to further reduce the distance to one mile.

Recognizing his excellent speaking ability and commitment to education and the Liberty Partnerships Program (LPP), Naseer was selected to travel to Albany for Advocacy Day. He spoke with elected representatives in Albany, sharing his experience in LPP and asking for continued support and funding for the program.

Naseer is a young man of impeccable character. He is kind, honest and trustworthy. He truly cares about the people in his community. To Naseer, success means more than just being good at what you do, it means following through with actions. He is an active volunteer through his church, participating in food and toy drives as well as community outreach. As a member of the National Honor Society at Henninger, he participated in community service activities such as collecting donations to support leukemia research. He also recently began tutoring refugee children in history, English and Science through a program called Tillie's Touch.

Naseer has taken on leadership roles in clubs and sports. As president of the investment club at Henninger High School, Naseer guided the club in the investment of \$10,000 in real cash. The profits from the club's investments will be used to fund scholarships for Henninger seniors. Last year, Naseer was a member of the 2016 citywide champion track and field team at Henninger.

Over time, Naseer has realized that he could have an even greater positive influence in society if he were more directly involved in politics and the legal process. Consequently, he has decided to pursue a career in law. As a political science major at SUNY Oswego in the fall, he will participate in the Air Force ROTC program. His long term goals are to attend law school and become a JAG officer in the Air Force.

The logo for ANOPLATE, featuring the word in a bold, stylized, black font with a white outline, set against a white background with a black border.

STUDENT OF THE YEAR NOMINEES

Ryan Bristow

OCM BOCES - Henry Campus
Physical Therapy and Rehabilitative Professions

Ryan is a senior at Cicero-North Syracuse and is an accomplished athlete both in gymnastics and in the pole vault on the C-NS track team. While participating in sports, Ryan has witnessed how injuries effect the athlete's ability to perform to his/her fullest potential. As a result, he enrolled in OCM BOCES' Physical Therapy and Rehabilitative Professions program his junior and senior year of high school .

OCM BOCES's P-T program is imbedded in the SUNY Upstate Medical campus and as a requirement, Ryan has experienced many hours of observation in the field of physical therapy. His clinicians have been extremely impressed by his professionalism and knowledge of the field and strongly believe that he will have a strong future in the P-T profession.

Due to his scholastic accomplishments, Ryan has been accepted into SUNY Upstate Medical University's 3+3 Doctor of Physical Therapy program. He will commence his initial three years of study at SUNY Brockport this fall, followed by 3 years at SUNY Upstate.

Ichtiyak Al-Badeh

Le Moyne College Liberty Partnership Program
Henninger High School

Ichtiyak's passion for making a difference in the world and contributing to her society has driven her to pursue a career in Political Science. Her initiation into political science occurred when she became involved with an organized student movement *One Mile When?* which proposed that all students living further than a mile from their school have free access to transportation. Ichtiyak wrote up a proposal, lobbied her district office and attended public policy meetings.

In addition to *One Mile When?* Ichtiyak has volunteered her time at the Northside Catholic Youth Organization as a mentor/teacher, mentoring 4-6 year old children. This past summer, she was a CNY youth worker for Catholic Charities' Refugee Youth program, providing refugee children with an educational experience and environment designed to help them for American schools. She showed strong leadership skills and displayed an understanding and empathy towards those who had faced conflict.

Ichtiyak is an outstanding student and is currently excelling in the Syracuse University Project Advance program, taking college level courses in Physics, Economics, American History, and Public Policy. She was awarded the coveted James F. Smith Scholarship and will be attending Le Moyne College this fall as a Political Science/Psychology major.

Angelina Butler

OCM BOCES - Henry Campus
Clinical Laboratory Technology Program

Angelina has always known she wanted to pursue a career in the medical field. After exploring several avenues, she finally enrolled in the OCM BOCES Clinical Laboratory Program and has decided to become a clinical laboratory technician.

During the past two years at OCM BOCES, Angelina has perfected her skills in the lab and has risen as a leader and role model. As a member of SKILLS USA, she earned first place by completing a job demonstration at this year's regional competition. In addition, she has been inducted into the National Technical Honor Society.

Angelina volunteers her time as a lab assistant for her Cicero-North Syracuse chemistry teacher and is planning on attending SUNY Broome Community College in the fall to complete the Clinical Laboratory Technology program. Once she becomes a clinical laboratory technician, Angelina plans to earn her bachelor's degree in medical biotechnology. Ultimately, she hopes to become a surgical physician assistant or pathology assistant.

Matthew Dailey

OCM BOCES - Henry Campus
Embedded Automotive Technology

Matthew is a second-year student in the OCM BOCE's embedded automotive technology class at Driver's Village. He has shown an eagerness to learn and has demonstrated true determination. During his studies, Matthew has earned several professional certifications: Hunter Engineering tire changing, Valvoline Motor Oil Basic Training, OSHA Safety and Pollution Prevention and Mechanical Safety, as well as ASE Student Automotive Service Excellence in Bakes, Electrical/ Electronics, Steering and Suspension, Engine Repair, Engine Performance and Maintenance and Light Repair Technician.

In addition to his automotive curriculum, Matthew has had several internships with different automotive dealerships within Driver's Village. His work ethic left such a good impression on the Mazda service manager that he has hired Matthew part-time as a maintenance technician.

Matthew is planning to begin study in SUNY Morrisville's automotive technology program in the fall. He will be enrolled in the FORD ASSET program, concentrating on Ford Motor Company vehicles. In between semesters, Matthew will embark upon a paid internship with a FORD or Lincoln Mercury dealership in order to gain specific FoMoCo knowledge and experience.

STUDENT OF THE YEAR NOMINEES

Delaney Smith OCM BOCES - McEvoy Campus Early Childhood Education Program

Delaney will be attending Tompkins Cortland Community College in the fall. By completing the OCM BOCES Early Childhood Education Program, she has already earned six college credits for TC3. After earning her Associates degree, Delaney plans to transfer to SUNY Cortland to acquire a Bachelor's Degree in Early Childhood Education.

Last year, Delaney worked with children from the CAPCO Head Start Programs. This year she is working in a preschool classroom at the SUNY Cortland Child Care Center, involved in planning and implementing developmentally appropriate lessons, applying guidance with young children, and meeting their individual needs.

She has proven to be an influential asset and can be relied on for all aspects-from group discussions, project planning and implementation, and assuming leadership roles. She is a member of Homer High schools' bowling league, participating in a coaching bowling clinic and competing in weekend bowling clubs. This year, Delaney helped her team reach an OHSL Freedom National Division Title, as a first team all-star for the girls. Furthermore, she was inducted into the National Technical Honor Society in April.

Noelle Zesky East Syracuse Minoa High School

Noelle keeps herself very busy as a volunteer with several different organizations, most notably her own charity, Equal CHANCE which is a childhood advocacy program that fights for equality in the areas of Childhood Hunger, Aid, Nurture, Community and Education.

Last year, Noelle spearheaded a community project as an offshoot of a research paper where she designed and implemented an awareness campaign for the McMahon-Ryan Child Advocacy Center. Noelle did this through speeches, organizational tasks, fundraising and a public service music video. She raised community awareness within her school and raised a significant amount of money for the organization.

Noelle has an extremely creative flare and art classes are where she shines the brightest. She has founded, funded and successfully runs her own jewelry company called Tumbleweed Media. She uses the money raised from her business to donate to worthy causes.

Noelle has excelled in the area of coding and has developed a strong interest in a career as a video game developer or cyber security agent. She will be attending SUNY Polytechnic Institute in the fall where she will be majoring in interactive media and cybersecurity.



MANUFACTURING-TECHNOLOGY CENTER

DESCRIPTION

Enterprise America, WCNY's new hands-on learning center, allows teachers to blend the lessons they teach with experiential learning available in the only hands-on learning center of its kind in New York. Located on the top floor of WCNY's new Broadcast and Education Center on Syracuse's Near Westside, the 10,000 square foot "Enterprise America" city exposes students to real life career experiences in science, technology, engineering and math (STEM). Thirteen storefronts representing businesses such as a restaurant, bank, health center, broadcast center, etc., along with its own City Hall, provide the environment to put their learning into action for a day.

The co-curricular learning program is designed for middle school students and includes several weeks of classroom curriculum aligned to Common Core and New York State Learning Standards. Students will be prepared to explore what it takes to make a modern American city work, from local government to business to wellness and media. Then, they will take that knowledge and put it into practice by running the Enterprise America "city" for a day.

The Enterprise America program includes many of the essentials of Project-Based Learning, resulting in an engaging, meaningful, and real-world learning experience. Students immediately apply what they have learned in a hands-on setting. They'll hone their critical thinking, communication and collaboration skills as they become employers, employees and consumers in a "city" they manage.

OVERVIEW

PEB and MACNY are leading the effort to coordinate sponsorship of the Manufacturing-Technology Center at Enterprise America. By partnering with area companies, the goal is to give students a real-life experience that accurately reflects advanced manufacturing & technology in those companies and leads to an increase in students pursuing careers in those sectors. A Steering Committee is guiding the development of the Center, including design and build out, curriculum, volunteer program, etc.

PURPOSE

Support for the Manufacturing-Technology Center at Enterprise America- WCNY. This career education/ workforce development strategy will focus on promoting careers in manufacturing and technology, both growth sectors identified in the Regional Economic Development Plan and part of PEB's Sector Strategy.

Visit: <http://www.wcny.org/education/enterprise-america/>

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P-TECH STUDENTS OF THE YEAR

Cami Meyers Auburn P-TECH Program

Cami is a very dedicated and organized individual. In order to better determine which careers hold the most interest to her, she has researched a wide variety of them. This led her to participate in two job shadows – one with her previous teacher and one which was part of M.A.S.H. camp. During the M.A.S.H. camp, she was exposed to a variety of health professions, covering everything from on-the-job-training to an advanced college degree through two days visiting a local hospital.

With her involvement in the P-TECH Program, she has had the opportunity to meet/work with people from different fields and different businesses who have mentored her about what employers look for in a candidate. The in-school sessions have helped in improving her communication and listening skills and the workplace visits have made her more open to seeing careers employed outside of her community.

Cami has also been involved in various clubs and extracurricular activities, such as chorus, book club, orchestra, rocket club and stage crew. Her participation in the Auburn Vanguard, a part of the color guard, and soccer taught her the importance of teamwork.

Some of her future career plans include completing the P-TECH Program (which provides a two-year degree), furthering her education, and obtaining a Master's degree. Cami is looking at being an Aerospace Engineer or a Mechanical Engineer.

William DeJesus Syracuse P-TECH Program

William DeJesus is a member of the 11th grade Syracuse P-TECH class. He has participated in and led numerous Career Coaching activities, as well as excelling academically in all his classes. In his engineering class, William has been a strong leader, designing and building a “mousetrap car” which was entered in Syracuse University’s College of Engineering and Computer Science competition.

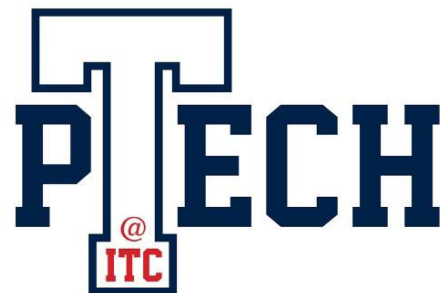
William is often called upon by his teachers and administrators to represent the P-TECH program. He has spoken to 9th grade P-TECH students from Oswego during their visit to OCC last summer, and the incoming freshmen at Henninger High School. William also addressed a room full of career coaches at a recruiting event at MACNY to share his experiences thus far with the program. He left such a good impression that he was invited to speak to the Onondaga Community College Board of Trustees about his experience in P-TECH.

To help promote the program further, William co-produced an instructional video for the SCSD web site, encouraging professionals to apply to volunteer as career coaches. Each time a career coach visits the school to work with students, he is impeccably dressed and conducts himself in a professional manner.

William is a member of the P-TECH Leadership Group and recently competed in the SkillsUSA. In addition, he is a member of the ITC Book Club; Book Fest Group of Teen Authors; Le Moyne Liberty Partnership, Science, Technology Entry Program; and works at a nursing home helping with food preparation and at Raymour Flanigan learning interior design skills.

At the start of this school year, William began taking classes at OCC enrolled in their Mechanical Technology program. He spends Monday and Wednesday mornings on the campus and has earned a 4.0 thus far.

William plans to complete his associates degree then attend either the University of Florida or Syracuse University to study Bio Medical or Mechanical Engineering.



P-TECH STUDENTS OF THE YEAR NOMINEES

Darrell Mills Auburn P-TECH Program

Being nominated into the P-TECH program has allowed Darrell to gain a better understanding of possible career options for his future. He is self-motivated to research career opportunities that interest him and become better informed on what a job is like through the research that he conducts. Darrell has been able to visit businesses like Currier Plastics, Bomer Plastics, and Welch Allen that have given him a better feel on specific industries or career opportunities, making choosing an eventual career that much simpler. Working with mentors from different industries and different careers has given Darrell the chance to get comfortable with communicating, working with, and problem-solving with people who have different ways of thinking and managing multiple responsibilities.

P-TECH has enabled Darrell to demonstrate character, positive attitudes, and personal responsibility in his private life, academics, and extracurricular activities, too. Darrell usually helps his dad with work and credits P-TECH for teaching him how to take personal responsibility for getting the job done on time and most importantly, correctly. He consistently demonstrates strong character while completing a job, taking pride in his work, and has the maturity to take personal responsibility for mistakes that he may make.

Darrell is an active volunteer in his community, helping his 9th grade class with their Seward School book fair. This experience has allowed him to improve his communication skills while working with a variety of people.

Steven Smith Auburn P-TECH Program

Steven grew up helping his uncle work on vehicles and consequently, has a passion for mechanics. Through the P-TECH program, he has been able to shadow a truck driver and tractor-trailer mechanic in Elbridge, who taught him valuable lessons on how to maintain large vehicles. In addition to his job shadow opportunity, Steven has visited a variety of local businesses, learning about diverse career opportunities, the importance of teamwork and good leadership. His teachers commend him on his strong leadership skills and ability to keep his classmates on task when working together in groups. Steven is grateful for the PTECH program which has given him the direction and motivation he needed to exceed in school and to have a clear vision for his future. He hopes to one day attend a four year program for mechanics.

Garnet Grimm Syracuse P-TECH Program

Garnet has been an outstanding asset to the P-TECH program. During a "Problem Busters" project at ITC, students were asked to innovate ways to solve the issue of littering in Syracuse. Garnet led a team of students who developed the concept of creating a trash can that makes tossing garbage fun. Their idea was to have sensors activate and generate a code that is then programmed into an app that allows the user to accumulate points in the game. When Garnet and his team presented this idea to Syracuse Major Stephanie Miner, she was so impressed that she agreed to fund the project so his team could build a prototype.

During lunch period and after school, you can always find Garnet in the engineering lab working on a project. He is very focused on his career goal of computer science and programming. In addition to his success in academia, Garnet is an accomplished artist and has been a licensed business owner since he was 12, selling his artwork. Last year, his artwork was selected to be showcased and sold during the "Art On the Porches" art show in Syracuse.

Upon graduation, Garnet hopes to attend MIT for computer engineering and ultimately become a software or hardware engineer.

James Capone Syracuse P-TECH Program

James has excelled in his academics. He led a team in designing a very successful "Rube Goldberg" machine, demonstrating an innovative and creative way a marble could travel through six simple machines and successfully land into a water bottle. In addition, James recently helped design and build a "mousetrap" car and competed at Syracuse University's College of Engineering and Computer Science.

He has job shadowed at Anaren Microwave where he worked with professionals learning about engineering careers. He has applied for our summer job shadow with hopes to shadow other companies and learn more about manufacturing and engineering.

Along with his high school courses, James has successfully completed the course work for his OSHA 10 General Safety certification and is enrolled in the Electrical Engineering Technology program of study at OCC.

James plans on earning his associates degree at OCC in electrical Engineering Technology and then transfer to a 4-year college to study medicine.



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- Joe Melita - SRCTec
- Mel Menon - Darco Manufacturing
- Steven Midecke - SRCTec
- Greg Miller - Liftech Equipment
- Derek Moon - Byrne Dairy
- Tyler Morris - Ephesus Technologies
- Michael Muench - ICM Controls
- Michael Navaroli - Johnson Controls
- Vince Nicotra - QPK Design
- Justin Okay - National Grid
- Phil Peterson - Peterson/Guadagnolo Consulting Engineers
- David Pollock - Feldmeier Equipment, Inc.
- Martha Ponge - MACNY
- Erin Rankin - OBG
- John Ryan - Marquardt Switches Inc.
- Steve Rynkiewicz - PaperWorks
- Steve Schill - INFICON Inc.
- CoriRose Schroer - Ephesus Technologies
- Jennifer Seymour - International Wire Group, Inc.
- Jeff Shuster - Ephesus Technologies
- Brian Smith - ICM Controls
- Laura Snepenger - Sunoco
- Gary Stevens - SRCTec
- Shane Stockhauser - McIntosh Box & Pallet
- Barbara Stone - Crucible Industries
- Alan Thompson - Armstrong Mold Corporation
- Terry Tupper - Ephesus Technologies
- Lindsay Varnum - Anoplate
- Benjamin Vollmer - Ephesus Technologies
- Matthew Wadach - WestRock
- Dave Welsh - G.A Braun
- Donald Wierbinski - Killian
- Jamie Williams - Allen Tool Phoenix
- Kelly Williamson - Med Tech.
- Brian Wilson - Ephesus Technologies
- Eric Wood - ICM Controls
- Chris Yohe - Ephesus Technologies



ORGANIZATIONS SUPPORTING PEB PROGRAMS

- AZ Forensic Associates, LLP
- Anaren Microwave
- Anoplate Corporation
- AT&T
- Barclay Damon LLP
- Bartell Machinery
- Bond, Schoeneck & King
- Bristol-Myers Squibb
- Bryant & Stratton College
- C&S Companies
- Carrier Corporation
- Cayuga Community College
- Covanta Onondaga, LP
- Crown Risk Management
- Cryomech
- CNY School Boards Association
- CNY STEM Hub
- Dan Cummings, News Channel 9/WSYR
- Dupli Envelope & Graphics Corp.
- Ferrara Fiorenza PC
- Fulton Companies
- GE Inspection Technologies
- Gear Motions/Nixon Gear
- ICS Solutions Group
- INFICON

- InVEST /IIABNY (Independent Insurance Agents & Brokers of NY)
- IV4
- FNSSI @ Syracuse University
- King+King Architects
- Knowles Corporation
- L. & J.G. Stickley, Inc.
- Le Moyne College
- Legal Services of Central New York
- Lockheed Martin Corporation
- MACNY
- Manth-Brownell, Inc.
- Mitre Corporation
- National Grid
- Niko Tamurian, CNY Central
- NYS Comptroller-Syracuse Regional Office
- NYS Department of Environmental Conservation
- NYS Office of Attorney General
- NYS Police
- Onondaga Community College
- Onondaga County Bar Association
- Onondaga County Criminal Court
- Onondaga County District Attorney's Office
- Onondaga County Dept. of Emergency Communications/911
- Onondaga County Health Department
- Onondaga County Human Rights Commission
- Onondaga County Law Library
- Onondaga County Legislator- Office of Christopher Ryan
- Onondaga County Probation Department
- Onondaga County Sheriff's Department
- Optanix
- Plumley Engineering
- Schneider Packaging Equipment Co.
- SCORE
- Siemens Building Technologies
- Syracuse University-Falk College
- SRC, Inc. / SRCTec
- St. Joseph's Hospital Health Center
- SUNY ESF – Paper & Bioprocess Engineering Dept.
- SUNY Upstate Medical University
- SUNY- Bio-Tech Accelerator Center
- SUNY Oswego
- Syracuse Fire Department
- Syracuse Media Group
- Syracuse Metro League of Women Voters
- TACNY
- Unified Court System
- United Radio
- U.S. Border Patrol
- Welch Allyn/Hill-Rom
- WCNY



Unlimited potential

Success begins with education. Inspired by committed educators, and aided by the latest educational technology, students can soar to new heights.

AT&T is proud to be working with the CNY STEM Hub to help students realize their boundless potential through STEM educational programming, such as the AT&T CNY STEM Summer Camp.

