

Atwater Receives Honor



A manufacturing engineering technology graduate who is now a college professor received the Distinguished Alumni Award at Pennsylvania College of Technology's Summer 2018 commencement ceremonies, held Aug. 4 at the Community Arts Center.

Mark A. Atwater, a 2007 graduate of Penn College and an associate professor at Millersville University, was recognized for the noteworthy contributions he has made in his career field.

At Penn College, Atwater earned a Bachelor of Science in manufacturing engineering technology, an Associate of Applied Science in automated manufacturing technology and an Associate of Applied Science in toolmaking technology. He also earned a certificate in nanofabrication manufacturing technology, administered through Penn State. He went on to receive a Master of Science in mechanical engineering from the University of New Mexico and a doctorate in materials science and engineering from North Carolina State University.

Atwater joined the faculty at Millersville in 2012. He also serves as a guest researcher in lightweight and specialty metals for the U.S. Army Research Laboratory.

He has written a textbook on materials and manufacturing that will be published this fall by McGraw-Hill Education, has researched and written more than 150 articles as a contributor to the website Engineering.com, and has had numerous articles published in professional and scholarly journals.

Atwater holds several patents and regularly presents at professional conferences. He has authored grant applications resulting in funding for numerous projects, including two National Science Foundation grants.

While at Penn College, Atwater's achievements were profiled in the Winter 2005 issue of the college magazine and in a Summer 2005 episode of the former "degrees that work" TV series on public television.

Atwater is the son of Dennis and Judith Atwater, of Russell, and he resides in Quarryville with his wife, Cammie.

The Distinguished Alumni Award is given to those who have made significant contributions in their chosen fields, demonstrated the importance of their college education, participated in leadership roles within the community, and demonstrated a commitment to the college and community relations.

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The Keiser Graduate Assistantship



Jeff Heger
Graduate Assistant

The Department was fortunate to become the recipient of a new graduate assistantship. This came about because of the generosity of Roy J. Keiser (Class of 1953, B.S. in Industrial Arts) and his wife Janet "Toni" Keiser (Class of 1952, B.S. in Biology). The Keisers bequeathed an endowment to support a graduate assistantship for the Department in perpetuity.

In 2010, Dr. Barry David led an outreach effort from Millersville University and the Department to work with Roy and Toni to identify ways in which they could leave a lasting legacy through their will to Millersville University. Dr. David discussed with the Keisers how an endowed graduate assistantship would address "both a need and provide a wonderful legacy." Dr. David noted that Roy "quickly gravitated toward this idea."

Dr. David developed a friendly relationship with the Keisers as a part of his outreach efforts. This allowed him to learn their stories and discover how they got to the point where they could give such a generous gift to the department. He reported that:

The Keisers were both educators who were employed for a brief time in Pennsylvania school districts (Springford and Upper Moreland) before working for the Department of Defense at military high schools abroad. They spent 19 years at the Naval Base in the Philippines before retiring in 1991. At that time, they evacuated from the Philippines due to the eruption of a major volcano, cutting short plans to tour the country one last time before heading to Guam and then back to the United States.

The Keisers resided permanently at their home in Cape May Point, New Jersey. The home had once belonged to Janet's parents. During the Winter months they would spend their time in the warmth of Venice, Florida. Their cottage in New Jersey was filled with artifacts and memories of their world travels and showcased Roy's craftsmanship and Toni's interest in biology. Both Roy and Toni were scuba divers and had gathered an extensive collection of shells during their travels in the South Pacific which they donated to Millersville University.

They were both modest, soft-spoken, and kind individuals.

The first student from the department to receive the assistantship is Jeffrey Heger. Jeff is in the final stages of completing a Master of Science in Technology & Innovation degree with a concentration in Enterprise. Eight years after the initial contact was made with Roy and Toni Keiser their generosity has established a graduate assistantship that will benefit students like Jeff for years to come. In recognition of their generosity, and to memorialize their legacy, the Department recently had a bronze plaque made, which is now displayed in the lobby of Osburn Hall as a public expression of gratitude toward the Keisers.

Career Exploration Event for Young Women a Success

The *We Want YOU!* Seminar was held on Thursday, October 4, from 5:30–8:30 pm in Millersville University’s Department of Applied Engineering, Safety and Technology (AEST). The seminar was available to junior and senior high school girls who expressed an interest in learning about careers in graphic communications or teaching technology and engineering (or STEM education).

Thirty-four high school girls attended with their parents and teachers to learn about the kinds of careers that are in high demand in graphics and teaching, as well as degree programs offered by the AEST Department. The seminar began with introductions by current AEST students—Hannah Card, Carla DiStasio, Vivian Feliciani, Makenna Hewitt, Rebecca Howell, Marie Leatherman, Ashley Lucabaugh, Tia Mauro, Saarahi Navarrete, Sidney Scorlick, and Macy Souders—who shared experiences about their degree programs and career paths.

In addition to information about careers and educational opportunities, the seminar included a panel discussion with AEST graduates who are currently teaching or working in the graphics field. Panelists included:



Claudia Bubba, Print Shop Manager, Weaver Associates, Inc.

Alisha Gerhart, Technology and Applied Engineering Teacher, Penn Manor School District

Julianne Metz, Technology Education Teacher, Mechanicsburg Middle School

Erin Nuss, Manager, Academic & Training Programs, Specialty Graphics and Imaging Association

The evening also included dinner, a presentation about AEST degrees programs, and hands on activities in the Graphics and Innovation Laboratories. The seminar was developed and led by Dr. Sharon Brusica and Prof. Donna Painter in response to data showing that AEST degree programs have below average female representation. Additional help was provided by AEST faculty members Tom Bell, Ken DeLucca, Alex Johnson, Len Litowitz, and Mark Snyder.

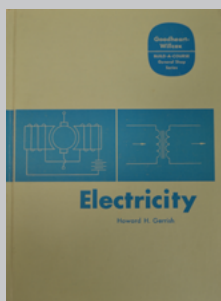
Exit survey data gathered at the end of the evening indicates the participants’ perspectives about careers in graphic communication and technology & engineering education became more positive as a result of the seminar. Prior to the event, 44% of participants were either undecided or not likely to choose a career in graphic communication or technology & engineering education. Following the event, 50% of the girls indicated that they were MORE interested and 38% indicated that they were STILL interested. The number of participants who were undecided or not likely to choose these careers declined to about 11%.

This seminar was free for participants and their mentors, and was partially funded by the Millersville University President’s Commission on the Status of Women. Additional funding was provided by the Department of Applied Engineering, Safety and Technology.



Ms. Donna M. Painter, M. Ed.

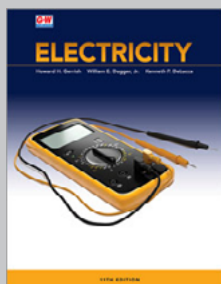
"If I Have Seen Further it is by Standing on the Shoulders of Giants."*



Electricity, by Howard H. Gerrish, Copyright 1968, previous editions 1964, and 1961.



Electricity, by Howard H. Gerrish and William E. Dugger, Jr., Copyright 1988, previous editions 1988, 1978, and 1975.



Electricity, by Howard H. Gerrish, William E. Dugger, Jr., and Kenneth P. De Lucca, Copyright 2020, previous editions 2009, 2004, and 2001.

"I have heard this quote a number of times in my life and I thought it most fitting for my announcement of the revision of *Electricity*, a textbook I have revised since 2001. Currently in its 11th edition, I personally completed revisions to the 2001, 2004, 2009 and now to this current revision. I have had the opportunity to "stand on the shoulders of giants", that is, I have truly stood on the shoulders of the first two authors of this textbook.

Not many people would remember the name Howard H. Gerrish, the first author of the textbook. I only met him once, and as I recall, it was long ago at the American Industrial Arts Association (AIAA), now known as the ITEEA-the International Technology and Engineering and Educators Association. Simply put, he was an amazing individual. He almost singlehandedly brought electronics education into the classroom. If you do some searching, you will note many different textbooks written for the classroom, all at varying grade levels by Gerrish. He was also a writer for Buck Engineering Company, who were the makers of Lab Volt educational equipment for the classroom and laboratory. He wrote the books and designed the labs! What Howard Gerrish did for school children, as well as adults related to electronics education cannot really be measured, but, it was a lot. I know it was. I saw it over my many years of electronics education and instruction. Thank you Mr. Gerrish.

William E. Dugger, Jr. was another remarkable individual. Bill was the second author. I had just finished my master's degree at the University of Wisconsin-Stout (where, by the way, they have 11 months of winter and one month of poor sleigh riding), and I was hired by Keene State College, Keene, New Hampshire. Still in my first year of full-time teaching, my doctoral advisor recommended that I present my master's thesis at the American Vocation Association (AVA), now the Association for Career & Technical Education-ACTE (you know you have been around a long time when the associations you belong to change their names). In any event, there I was, graduated with a master's degree in August, teaching at Keene State College for 4 months and presenting my master's thesis in December. Who was kind enough to introduce me to my audience? Bill Dugger. My first of many professional presentations for a large number of groups. He remained a professional friend over the many years since then. Sadly, he passed on just before the latest revision of the book got into print. Many of you may know, but some may not, that Bill was the Director of the Standards for Industrial Arts Programs Project while operating out of Virginia Tech., and he was the Co-director of Mission 21 Project, NASA-Virginia Tech. He was also president of the AIAA, now ITEEA. Additionally, he was the Director for the Technology for All Americans Project. He came to Millersville University as a visiting scholar through a grant I wrote in the late 1990s and presented his research findings. Few have done more to support the cause of technology and engineering education over the many years he served the profession. Thank you, Bill.

And then, regarding the textbook *Electricity*, there's me! Now you all can see why I am correct when I say I am "Standing on the Shoulders of Giants". Thank you, to both giants I have had the privilege to meet, ever so briefly in my life.

* Isaac Newton (1675), "If I have seen further it is by standing on the shoulders of giants". First attributed to Bernard of Chartres (1159), John of Salisbury wrote: "Bernard of Chartres used to compare us to dwarfs perched on the shoulders of giants. He pointed out that we see more and farther than our predecessors, not because we have keener vision or greater height, but because we are lifted up and borne aloft on their gigantic stature." [Reference, with apologies, Wikipedia, retrieved October 18, 2018.]

Dr. Ken De Lucca

New Material Science and Manufacturing Processes Textbook Launches

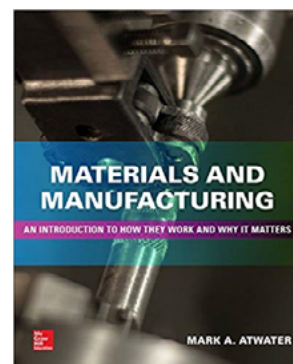
Necessity is the mother of invention, or so the saying goes. That statement encapsulates what started my five-year endeavor to create a textbook that provides a basic introduction to materials and manufacturing without neglecting the intricacies. While teaching introductory materials and processing classes, it was difficult to find a textbook that balanced depth and breadth. Moreover, it needed to be easy to read with relevant images that complement the text. To fill these needs, I decided to write my own.

So began the most arduous project of my career. Not only would it require an extensive amount of time to research and write about the diverse topics of materials science and manufacturing processes, but I made the decision early on to personally produce as many images for the book as possible. Although it ensures that the text and images are perfectly coordinated, it took even more time than the writing. That is because there are over 500 original figures in the book, and many of them include elaborate conceptual schematics. Even the photographs were not as simple as I hoped, and in the 11th hour, I enlisted help from Chris Smith, an undergraduate in Art and Design at MU, to meet the deadline. To finish it off, I also produced the appendices, the 1000+ word glossary, and the 27-page index.

The process was uncertain at times. For instance, the first publisher hit financial difficulty and cut my project after I had already written more than 600 pages. I had to find a new publisher, but fortunately, the vision stayed the same. Needless to say, having it done is a relief. My hope now is that it serves its purpose of engaging students and inspiring them to learn.

The book is available in hardcover (black and white) and e-book (color) for less than \$100, so it is more affordable than most of its peers. It is also available for free to students at institutions that subscribe to AccessEngineering, where it is also supplemented by interactive DataVis projects that I produced to go along with it. Now that the work is (mostly) done, I look forward to seeing where it goes from here.

Dr. Mark Atwater



Dr. David Teaches at Huaqiao University in China

Ni hao! Sad to say - my Chinese extends not far beyond “hello”, but thank goodness for Google Translate! I needed it, having spent seven weeks last summer in the Peoples Republic of China - five as a visiting instructor and two more weeks touring.

The opportunity to teach in China came about through a cooperative exchange program between Millersville University, the China Center for International Educational Exchange, and host institutions in China. As the first MU faculty member to be offered a position through CCIEE, I traveled to China with little knowledge of what to expect and much anticipation. After a fourteen-hour flight to Beijing, and soon after, another three- hour flight south, I was within an hours drive to my final destination, Huaqiao University (HQU) in Quanzhou, the Fujian province. Up to this point, I had no direct contact or communication with anyone at the university. To my delight, upon arriving at the Xiamen airport, students greeted me with a welcome sign, big smiles, and fortunately, good command of English. These were my students. It was 1:00 pm, I was still jet lagged, and they informed me that we had class that evening at 6. But “you could cancel”, they said - I declined, and met the rest of my 32 students that evening.

The HQU campus and the cultural change were daunting at first. With a student assigned as my assistant to help me get settled, and another as my academic liaison, I quickly learned to navigate the HQU campus and academic policies and procedures. With an enrollment of about 23,000 students in undergraduate through doctoral level offerings, HQU is considered of medium size in China, and is rather self-contained. The campus offered multiple dining facilities each specializing in different, mostly Asian, cuisines. Shops of all types, a small supermarket, personal care establishments, coffee bistros, shoe and leather repair are all within the campus walls. Besides students, nearly all faculty, staff and administrators live on campus, most in rented apartments, with some privately owned. My campus apartment was spacious and a short walk to my classroom building. While I always believed MU to have a beautiful campus, and still do, the HQU campus was especially picturesque and manicured with lakes, pedestrian bridges, flowers, banyan, mango and jackfruit trees, many tranquil pathways and a hiking trail up and around the nearby mountain.

I was assigned to International Business department, teaching a required Production and Operations Management course to sophomores. All IB students are required to speak English and many of their classes are taught in English. While there are similarities to my teaching experiences at MU, there were some differences as well - including a 10-minute break for every 50 minutes of instruction, sounded by loud bells. Other differences included the cameras in the front and back of classrooms rooms (I waved upon entering the room not knowing who, if anyone was watching), final exams that were vetted by “someone” in administration (two versions required for their analysis and they determine which to administer), a lectern remotely unlocked and locked for each class, and student seating that appeared to be straight out of Little House on the Prairie. Although I was not provided a course syllabus or even a course description, I was required to provide a detailed “teaching plan” to include daily

objectives, lecture content, goals, review questions, homework, etc., and the class time I allotted for each. Students move through their program in cohorts so there is a close bond between them and they were not too different from my students here. They are glued to their smartphones and dress in clothing printed with English words, phrases and sports teams. One day I arrived to class and noticed a student was wearing a t-shirt with Pittsburgh emblazoned across the front. I commented about it, and the student looked down at writing and said “Yeah, what is that?”. I explained.

Technologically, China is a contradiction of old and new. Ancient structures shadowed by architecturally interesting new construction. Chinese currency, the Yuan, is used little as payment and often discouraged. Rather, the Chinese prefer payment by smartphone using the ubiquitous app WeChat. Even smallest of street vendors accepted WeChat payments that is essentially a Facebook PayPal type product. WeChat was also the means by which I communicated and shared teaching materials with students. Concerned at first about using WeChat for that purpose, I soon discovered that the administration sanctioned it and used it as well for University communication; there was no course management software. I also found WeChat convenient for keeping in touch with family in the US via its free video chat feature.

Traveling in China was surprisingly easy and felt safe, and the parks, museums and public spaces beautiful. My wife met me in Beijing after my stint at HQU. Wherever we went, the Chinese people were friendly and helpful. I have many stories of strangers inviting me to join them for ceremonial tea, offering rides to my destinations, re-filling my water bottle, and more. In Quanzhou, I found the bus system a convenient, inexpensive and reliable way to tour. While traversing the countryside, high-speed rail systems smoothly and comfortably carried passengers at speeds of over 300 km/h passing large cities unknown to me, with tall modern buildings and wide roads. In all, I toured five well-known cities Beijing, Xi’an, Chengdu, Xiamen, Guilin, as well as the environs in and around Quanzhou, a non-touristy, small by Chinese standards, city of 8 million at the end of the ancient Silk Road.

I am grateful to Millersville University and my Chinese hosts for providing such an incredible opportunity. My understanding of China and its people is far different from what I expected, and I look forward to one day returning.

Dr. Barry G. David

AEST FAB LAB Campaign Continues

To date more than \$110,000 has been raised toward the construction of a new Fab-Lab for the AEST department. The facility will support our Construction Management/Construction Technology programs and our Advanced Manufacturing/Manufacturing Engineering Technology programs in addition to providing space for club activities and research projects. Our capital campaign for the FAB-LAB continues with a current goal of reaching \$200,000 by Spring. Please visit the giving web link at secure.qgiv.com/event/929513 if you wish to make a contribution.

Dr. Len S. Litowitz, Department Chair



2018 TEEAP Honors

The AEST department presented several awards at the 2018 conference of the Technology & Engineering Association of Pennsylvania (TEEAP). Each of these awards recognizes individuals who have had significant accomplishments related to Technology & Engineering Education (TECE). The awards were given out at the annual Alumni Social during the STEMathon conference (the conference co-sponsored by TEEAP). The awards event occurred on Thursday, October 18 at the Lancaster Science Factory (Lancaster, PA).



Ambassador Award
North Penn High School Technology Education Department
Pictured: Michael Boyer, Julia Young, & Curt Reichwein
Not Pictured: Eric Specht, Michael Voicheck, & William Waddington

The Ambassador Award was given to the North Penn High School Technology Education faculty, including Michael Boyer, Curt Reichwein, Eric Specht, Michael Voicheck, William Waddington, and Julia Young. This award recognizes outstanding support of the TECE program through recruitment and mentoring of future

teachers and leaders. Many graduates of their outstanding program have come to MU to pursue degrees in the Department of Applied Engineering, Safety & Technology (AEST).

James Ertzgard was the recipient of the Cooperating Teacher Award in recognition of exceptional mentoring of teacher candidates and longstanding commitment to the preparation of the next generation of Technology & Engineering Education teachers. James has worked with a number of MU interns over the years and has always provided outstanding support to these teacher candidates. Unfortunately, James was not able to attend the event to accept his award in person.

The Emerging Leader Award was given to Korbin Shearer, a 2016 graduate of the TECE program. His award recognizes his outstanding leadership, commitment, and service to TECE by a young professional. Korbin has a long list of accomplishments to the profession, including service to TEEAP and many contributions to AEST and TECE at MU.



Innovative Educator Award
Brad Fessler



Emerging Leader Award
Korbin Shearer

EPT Inducts 13, Honors De Lucca

Epsilon Pi Tau held its annual initiation ceremony on Friday, November 16, 2018 in the Lehr Dining Room of Gordinier Hall. Thirteen new members were identified for their academic excellence and leadership potential. Those inducted into the honorary were Hannah N. Card, Lauren K. Conway, Brandon S. Creasy, Willis Do, Spencer J. Hall-Yurasits, Michelle L. Heckman, Joseph M. Kaskell, Steven J. Knauss, Kial J. Maynard, Heather D. Murray, Saarahi Navarrete, Andrew Simpson, and Madison M. Trilling.

The Beta Phi Chapter also recognized Dr. Kenneth P. DeLucca for 34 years of contributions to Epsilon Pi Tau, including 15 years as Beta Phi Chapter Trustee. We wish him the best of luck in retirement.



Dr. Tom Bell

Mr. Brad Fessler was given the Innovative Educator Award in recognition and celebration of extraordinary talent, creativity, ingenuity, and enthusiasm by an innovative teacher in the field of Technology and Engineering Education. Brad completed his BSE & M.Ed degrees at MU. He is always seeking ways to expand his repertoire and share new technological products and processes with students. Most recently he has been sharing his incredible expertise in 360° media.

The Lifetime Achievement Award was given to David Faux in recognition of his extraordinary leadership, sustained commitment, and exceptional dedication to the advancement of Technology and Engineering Education over many decades, particularly in the area of graphic communications and printing technology. David Faux has an immense record of achievement in the field which includes teaching, consulting, publishing, and speaking.



Lifetime Achievement Award
David Faux
(pictured with his wife)

Dr. Sharon A. Brusica, TECE Coordinator

Khalighi Presents at IOHA Conference

With the goal of bringing recognition to Millersville University and OSEH program at AEST department, Dr. Mehdi Khalighi, an OSEH faculty of AEST department presented an educational workshop session at the 2018 International Occupational Hygiene Association (IOHA) Scientific Conference in Washington, D.C. on September 24th. This year's IOHA conference theme was "Bringing Better Health to Workers Worldwide." On October 30th, Dr. Khalighi also presented his research work titled "Evaluate and Improve Workplace Safety for an Aging Workforce" at the annual Pennsylvania Governor's Occupational Safety & Health Conference (GOSH 2018) in Hershey, PA. He shared his findings on the importance of managing older workers' safety and health, the top safety risk factors, and the steps to improve the safety of older workers with safety professionals attending the Conference. An aging workforce is one of the challenges many U.S. companies will need to face in the near future and this session increased the awareness of safety professionals directly managing workers' health and safety. More than 1,100 safety professionals across the state attended this conference to learn about innovative and behavior-based safety practices for creating safer workplaces. On November 14, Dr. Khalighi also presented his research work on strategies used by major Japanese companies in order to sustain an older workforce at the New England annual American Society of Safety Professionals (ASSP) Professional Development Conference & Exposition in Southbridge, MA.



Dr. , Mehdi Khalighi

Students Earn Professional Certification

Total Quality Management Students took the Certified Technology Manager (CTM) Professional Certification Exam on December 10th. 25 of the 29 students passed the open-book, 160-question, multiple-choice examination. The CTM includes questions on Leadership/Self-Management, Systems, Processes, Operations, People, Project, Quality, and Risk. The CTM is one of several professional certifications offered by The Association of Technology, Management, and Applied Engineering (ATMAE). A Congratulations to the following students for passing the CTM!

Luis Andujar, Abigail Barnhart, Connor Blevins, Grant Bortner, Brent Brenneman, Kyle Copenhaver, Donald Danese, Casey Darden, Joseph Dooner, John Fry, Trevor Gremminger, Samuel Hart, James Hopkins, Kial Maynard, Ian McDonald, Michael Mock, Christopher Nelson, Matthew Pearson, Shane Ruhnke, Robert Rushmeza, Gavin Samson, Austin Schlosser, Brandon Smith, Thomas Tchistiak, and Mark Tomassian.

Dr. George Keregyarto



Students Present Research Findings



Promoting engineering, science and technology programs which foster an environment of undergraduate research, creativity, and scholarship is an important goal of scientific institutions. The mentoring relationship

between faculty and students is an integral part of the student's academic, professional, and personal development. Dr. Khalighi mentored two of his senior OSEH students, Tom Stenulis and Kara Fuller for their research work on Industrial Noise, titled "Industrial Noise: Monitoring, Evaluation, and Control" which they presented at Pennsylvania Governor's Occupational Safety & Health Conference (GOSH - 2018) on October 30, 2018. Their research work provided an analysis of industrial noise in a workplace from a student's perspective. This workshop was highly successful and provided the students with invaluable experience and confidence to prepare them for their future career in safety.

Dr. Mehdi Khalighi

Women in Safety Excellence Conference

Millersville University Occupational Safety and Environmental Health (OSEH) students attended the American Society of Safety Professionals (ASSP) Western PA Chapter WISE Conference on October 12th at Slippery Rock University. Keynote speakers discussed the following topics: work-life balance, transitioning from school to work, finding your path, continuing education, budgeting/salary negotiations, and a panel discussion.



From left to right: Sarah Gallagher, Kelsey Kentner, Bridget Reilly, Kara Fuller, Betty-Jo Legutko, Samantha Hackney, Helen Rush, Samantha Nagy, Amy Fasano, Christina Leader, and MacKenzie Nealen.

Dr. Betty-Jo Legutko

28 Students + 3 Advisors = 7 Awards

The Technology & Engineering Education Collegiate Association at Millersville University (TEECA@MU) had outstanding representation at the annual TEECA Eastern Regional Conference.

Twenty-eight students and three advisors (Sharon Brusic, Alex Johnson, & Len Litowitz) traveled to the annual TEECA Eastern Regional Conference in Rehoboth Beach, Delaware from November 8-10, 2018. Every student competed in at least one of eight events at the conference and TEECA@MU placed in seven of these competitions. Those awards, including the team members who won them, are shown in the accompanying photos.

The students enthusiastically engaged in all events they entered. In addition to participating in competitive events at the conference, students took part in a geocaching teambuilding exercise, interacted with potential employers at the job fair, visited a STEM Showcase,

and networked with about 200 peers and professors from about ten universities throughout the Eastern seaboard region at meal and social functions.



Congratulations go out to all TEECA@MU member participants. We are very proud of their engagement in this conference and the professional behavior exhibited throughout the event. In addition, the TEECA at MU executive board is to be commended for helping to organize this highly successful professional development experience for its members. This includes

Adam Kennedy (President), Hannah Card (Vice President), Sidney Scoralick (Treasurer), Rebecca Howell (Secretary), and Saarahi Navarrete (Reporter). There is no doubt that this was a memorable conference filled with fierce competition, great teamwork, lots of laughs, and countless memories.

Dr. Sharon A. Brusic, TECE Coordinator ■



Luke Yount
Joseph Kaskel
JC Egresitz
Jeffrey Swartz

1st Place Technology Challenge



Joseph Kaskel
Lauren Woods
JC Egresitz
Carla DiStasio
Zach Scher
Jeffrey Swartz

1st Place Manufacturing



Ashley Lucabaugh
Brendan Powell
Vivian Feliciani

1st Place K-5 STEM



Tia Mauro
Stephen Hammond
Nathan Klansek
Saraahi Navarrete

2nd Place Communication



Adam McKenney
Will Howell
Luke Yount
Adam Kennedy

2nd Place Robotics



Marie Leatherman
Trey Gresh
Michael Clappison
Michael Aboulhoda
Spencer Hall-Yurasits

3rd Place Transportation



Sidney Scoralick
Hannah Card
Thomas Kauffman
Rebecca Howell
Jeremiah Shillingburg
Patrick McCarty

3rd Place Problem-Solving



Fall 2018 Staff Photo



Front Row: Dr. Ken De Lucca, Dr. Jack Ogutu,
Dr. Scott Warner, Dr. Mark Snyder, Dr. Len Litowitz,
Dr. Sharon Brusic, Dr. John Wright

Middle Row: Dr. Mark Atwater, Mrs. Donna Painter,
Ms. Amy Fasano, Dr. Ebrahim Karan, Ms. Cindy L. W. English,
Dr. Betty-Jo Legutko, Mrs. Donna Hernandez, Dr. Barry David

Back Row: Mr. Jim Deisley, Dr. Joe McCade, Mr. Jeff Heger,
Dr. Tom Bell, Dr. Alex Johnson, Dr. Mehdi Khalighi,
Dr. Michael Jackson, Mr. JC Egresitz, Mr. Bill Horst

Students Attend Best Practices Workshop

Millersville University OSEH students attended the Ninth Annual Best Practices Workshop on October 26, 2018 at Knoll, Inc. in East Greenville, PA. The workshop was initially organized so that health and safety professionals from OSHA Voluntary Protection Program (VPP) recognized companies could collaborate and share their best practices. VPP is an initiative in which OSHA works with management and labor representatives at companies to prevent injuries and illnesses. Through VPP, companies meeting certain performance standards can qualify to be recognized under one of the three program levels. The Best Practices Workshop has expanded over the years to include other local businesses. The group at this year's workshop discussed the following topics: projects implemented after the 2017 workshop, wellness, injury prevention, and pedestrian safety. Matt Petrushka, a Millersville University OSEH graduate working for Knoll, Inc., discussed forklift telematics software and provided a virtual training demonstration as the final topic.



From left to right: Betty-Jo Legutko, Ian Zepp, Tom Stenulis, Mitch Henry, and Matt Petrushka.

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