2016 TEEAP Conference Highlights

TEEAP Journal
Vol. 64 | No. 4 www.teeap.org

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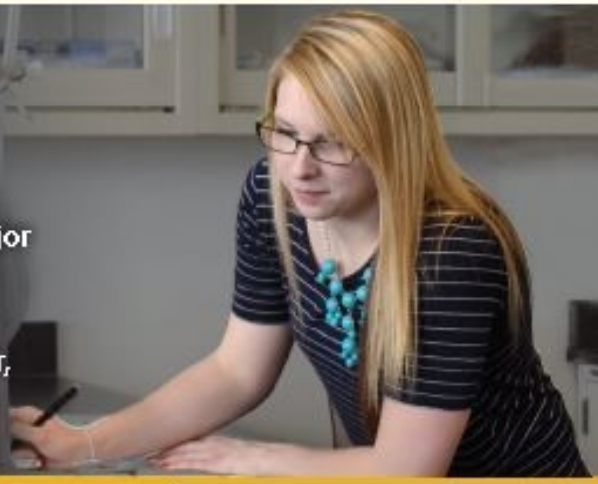

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Submission Dates

ISSUE	DEADLINE	
Spring	March 10	(Digital)
Summer	July 10	
Fall	September 10	
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Suggestions

In an effort to improve the Journal, we welcome suggestions as to what we can do to improve this publication. Please submit these to the Editor at omcdshultz@gmail.com

Contents

Important Dates

March 4, 2017 TEEAP Executive and Administrative Board Meeting, Bedford, PA

March 16-18, 2017 ITEEA 79th Annual Conference, Dallas TX

April 13-16, 2017 Pennsylvania State TSA Conference, Seven Springs Resort

June (TBD), 2017, Conference Planning Meeting, Glenmoore, PA

September 10, 2017 TEEAP Fall Executive and Administrative Board Meeting, Mechnicsburg, PA

October 26-27, 2017 TEEAP Annual Conference, IU13, Lancaster, PA

Mr. Richard Colelli

PRESIDENT'S MESSAGE

It's hard to believe that 2016 is over, and as we start a new year as your outgoing TEEAP president, I hope that you all had a great holiday season with your families, and I also wish all of you a happy new year.

It was great to see everyone again at this year's TEEAP conference held at our new venue, the Lancaster-Lebanon IU #13. I would like to thank the many dedicated people working behind the scene to organize all of the logistics to run a successful conference. Our executive and administrative boards and all of the other volunteers did a fantastic job. Thank you to our industry and business vendors that once again participated.

I hope that you found our first general session speakers, from Olympus of the Americas. informative and interesting. Their special 3D interest session was fantastic. Olympus would like to continue their partnership with TEEAP at next year's conference by providing more hands-on activities and presentations.

Mr. James Vaughn, executive director from PSEA provided us "*The State Of The PSEA"* at our awards luncheon. Thank you James for enlightening all of us on what is happening in Harrisburg and across the Commonwealth. I heard many positive comments from our members pertaining to our guest speakers.

All of us at TEEAP would like to extend a special thank you to all of the folks that provided informative and enlightening knowledge and material during your special interest sessions. Some of you have volunteered year after year to present. Thank you.

Shortly before the Christmas break a post conference survey was sent to all of our members asking if you could take two minutes of your time to answer and then submit the 11 questions. Your responses will help us gather the data, analyze the data, and use this information to help plan and make the 2017 conference even better. We're listening to you. For many of our members, the date of this year's conference conflicted

with the end-of-the-quarter grading. We will make sure that this does not happen in the future. For those that completed the survey and submitted it, thank you. We will send out the survey again very shortly. Please take a few minutes of your time to complete and submit it.

It's been an honor, and also very humbling, to serve TEEAP as your 64th president. I have met some very good and dedicated people associated with our organization. There have been many hard decisions to make this year. I believe that the decisions adopted will help keep TEEAP viable for many years to come. The one resolution that came to fruition, which I am most proud of, is our new membership management system hosted by Wild Apricot. Thank you Dave and Ginny Shultz and Jared Bitting. There are a few more bugs to work out of it, but now future presidents will be able to communicate much better with our membership and online conference registrations will be very easy.

I now leave you in the hands of newly installed president Bill Bertrand. TEEAP is in good hands with Bill's leadership abilities. He also brings a wealth of knowledge of educational issues through many years of teaching, advising, and holding his position as Technology Education Advisor at the Pennsylvania Department of Education. Good luck, Bill.

Technology Engineering & Education Association of Pennsylvania's Annual Conference.

By: Mr. Richard A Colelli, DTE, NBCT

Past President, TEEAP

Technology Education Teacher

Southern Lehigh High School

> "There are so many great ways to learn and sharpen your teaching skills these days: you can read blogs, listen to podcasts, watch how-to videos on YouTube, and attend webinars, just to name a few. Why bother with the time and expense of an in-person conference or workshop? If that's your attitude, then you may be missing out on one of the best opportunities to take your game to the next level. Live events-conferences, workshops, lunch & learns-provide unique learning and career building opportunities that you just can't find anywhere else." (*Tracy A. Hanes. https://www.spreaker.com/show/the-authority-syndicate-show)*

For 64 years, the Technology Engineering & Education Association of Pennsylvania (TEEAP) provided Pennsylvania's technology education/STEM teachers and school administrators opportunities to "Sharpen the Saw". While the "sharpen the saw" idea certainly pre-dates Stephen Covey, he lists it as his seventh habit of highly effective people.

"As you renew yourself in each of the four areas, physical, social/emotional, mental and spiritual, you create growth and change in your life. Sharpen the Saw keeps you fresh so you can continue to practice the other six habits. You increase your capacity to produce and handle the challenges around you. Without this renewal, the body becomes weak, the mind mechanical, the emotions raw, the spirit insensitive, and the person selfish. Not a pretty picture, is it?" (Stephen Covey. Habit 7 Sharpen The Saw)

Technology Education teachers from all over the commonwealth, converged at the Lancaster-Lebanon IU #13 on November 10-12 for the annual TEEAP conference. This year, a third day was added and on Saturday, November 12th, professor Dr. Len Litowitz and Millersville University provided conference attendees an opportunity to participate in hands-on activities through presentations by their department of Applied Engineering, Safety and Technology.

TEEAP believes technology education is a vital aspect of education for all students at all levels in Pennsylvania. The association promotes improvements in the quality of instruction in STEM by assisting educators and students in keeping instructional content, methods and facilities current with the rapid changes in industry and technology.

Some of the highlights of this year's conference included many of our TEEAP members sharing best practices from their own classrooms. Their presentations provided conference attendees insight into projects and activities taking place in technology education/ STEM classrooms throughout the commonwealth. In addition to many classroom teachers presenting, industrial and business representatives also demonstrated their products, which also provided them time to interact with our members throughout the conference. Their demonstrations of new products and software, which enhance the technology education curriculum, are invaluable. Listed below are just a few of the special interest sessions our membership enjoyed. Many presentors also provided attendees with necessary resources for their classroom and their students.

Thematic Instruction approach to teaching Technology & Engineering

Social Robot Enhanced Learning for Challenged & Typical Students

Project Lead The Way (PLTW) in High School

Olympus Surgical Technology: An In-depth Perspective

360 degree Video/Virtual Reality as an Educational Tool

Using Info graphics to Teach the Design Process

What is TSA?

Engineering by Design

R&D Lessons Learned in the Aerospace Industry

Middle School Robotics Program Development

Turn-Key STEM/Engineering Program, by WhiteBox Learning

Make the Most of Your Laser Cutter with Cool Design Ideas

Mr. Jared Bitting, Fleetwood Area Middle School STEM teacher, presenting best practices.

Photo by: Benjamin Krothe

As the 2016 TEEAP president, I was charged with securing our first general session conference guest speaker, and also Friday's awards luncheon speaker. During our Thursday first general session TEEAP members seemed very excited to have representatives from an international company, Olympus of the Americas, as the guest speakers. Three representatives from Olympus teamed-up to present technologies used throughout their manufacturing processes and the products that they produce for the medical field. Olympus also held a breakout session, immediately after their presentation, in which they demonstrated a few pieces of their medical instruments including an Endoscope. Our members were required to put on 3D glasses to view a video of a colonoscopy procedure. Fantastic.

Mr. Kevin Nord, Olympus of the Americas 3D Endoscope demonstration.

Photo by: Benjamin Krothe

Thursday evening, alumni from Millersville and California Universities held their annual reception at the Lancaster Science Factory. As always, everyone had a lot of laughs and were able to reminisce with friends from the past, while enjoying great food. In addition, Millersville and CalU presented awards to TEEAP members from their respective universities.

Miss Kari Bennett, Southern Lehigh School District, Elementary School Teacher Excellence Award Presented by TEEAP at the Awards Luncheon

Photo by: Benjamin Krothe

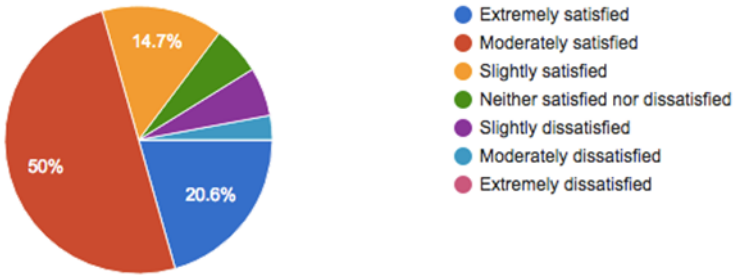
On Friday, during the awards luncheon, guest speaker and PSEA Executive Director Mr. James Vaughn provided TEEAP with a "State of PSEA" presentation. James provided his insights and perspectives into what the next 18 months hold for public education. "With the specter of the 2016 election in the rearview mirror, Public Education and its advocates now look forward to what the future holds. New opportunities and challenges are ahead of the public education community and ranging from the implementation of ESSA to the continued struggle for adequate funding." (James Vaughn)

Mr. James Vaughn, PSEA Executive Director

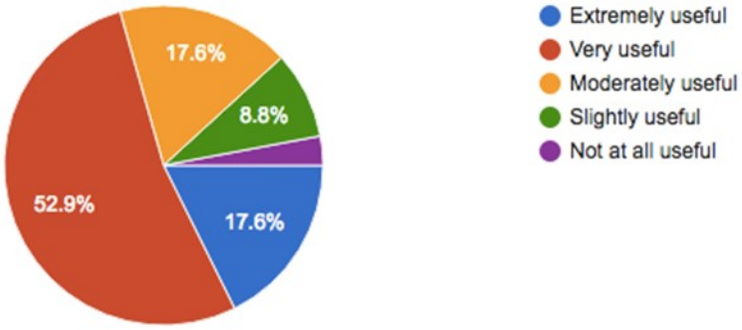
Photo by: Benjamin Krothe

Post conference is the best time to collect data. Shortly before the holiday break, I asked our TEEAP web master to send out my survey to all conference attendees about their experiences while at the conference. Below are a few of the questions from the survey, and the data summarizing the questions.

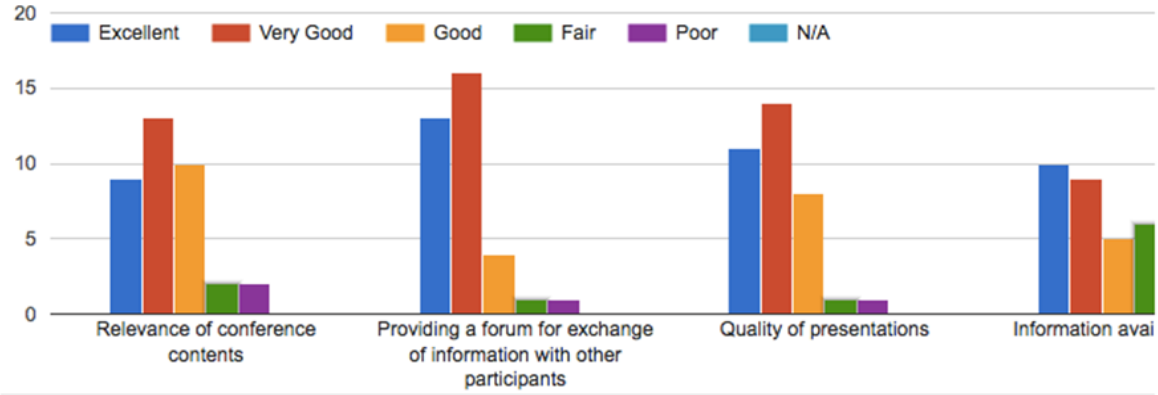
Overall, were you satisfied with this year's TEEAP conference, neither satisfied nor dissatisfied with it, or dissatisfied with it?



How useful to you was the information presented during the conference's special interest/break-out sessions?



How would you rate the following items?



What was the most beneficial aspect of the conference?

Networking
Networking
special interest sessions
special interest sessions
Tech Fest
Location
Networking, vendor information
presenting at the conference
staying current and networking
The opportunity to meet with professionals from across the state and share ideas regarding program development and successful activities - the Tech Fest
vendors
Whiteboxlearning info session

The last survey question above reinforces the Tracy A. Hanes quote that I provided at the beginning of this article. “Live events-conferences, workshops, lunch & learns-provide unique learning and career building opportunities that you just can’t find anywhere else.”

It’s been an honor and a privilege serving as your president of the Technology Engineering & Education Association of Pennsylvania this past year. “Sharpen the Saw.”

Executive Advisor's Corner

By Judy Hawthorn

2017… A New Beginning…Again
Happy…New… Year……Again

The year is 2017. Amazing! Where has the time gone? I can recall many New Year's Eve with fireworks, items dropping from the sky, music in the street and welcoming the New Year with people whom I loved or only casually knew. Regardless, welcoming the New Year is always an event we look forward to with hopes of health, wealth and accomplishment.

Remarkable changes within our lifetime (especially for those who have been teaching a while) have made life easier and yet, more complex. The rapid rate of new technology puts our heads in a swirl and we continue to try to keep up and apply as necessary. And we are always asking, 'how am I doing with that?' If the answer is, 'I'm doing the best that I can' you may want to start searching for better ways to develop new ideas and class techniques for the students in your classroom. Start to seek out people who have made a difference in their classroom or in education. Look at the resources available through professional associations such as TEEAP, ITEEA and others (Teacher Excellence, Program Excellence awardees) who have devoted time and energy to researching and finding new ways to excite students in the classroom.

Yes, 2017 is a new year and it is full of hope and promise. Let it be the year you commit to your profession and peers. Let it be the year, you be the best you can be and more. Let it be your best New Year!

Awards Presented in 2016

The Individuals picture here received awards at the 64th Awards Luncheon of The Technology & Engineering Education Association of PA

Silver Service

Dr. Joe McCade

Michael Whitman Memorial Outstanding Service

Mr. Dave Shultz

Outstanding Regional Vice-President

Ms Jocelyn Long

President's Special Recognition

Mr. Bill Bien

Elementary School Teacher Excellence

Ms. Keri Bennett

High School Teacher Excellence

Ms. Kaylia Austin

Awards continued next page

2016 Awards Continued

Middle School Teacher Excellence

Mr. Jeff Conner

Middle School Program Excellence

Mr. Tim Dzurko **Mrs. Rachel Manack**

Altoona Area Junior High School

TEEAP Scholarship Winners

Mr. Robert Hazelett
Attending
California
University

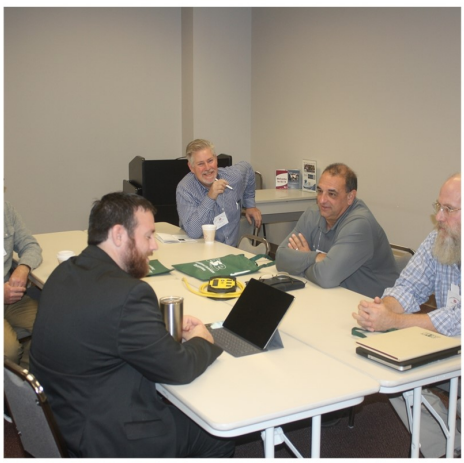
Ms. Hannah Card
Attending
Millersville
University

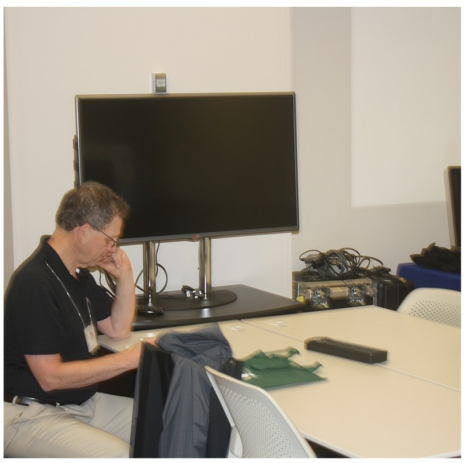
Nevin Andre Adward for Outstanding Journal Article

Neil Linkmeyer **Jillian Brislin** **Mike Berkeihiser**

64th Conference in Photos

This Conference was the first one at our new venue - IU13. We made changes to try to accommodate what our teachers want in a conference. A highlight this year again was the Tech. Fest immediately followed by the new Awards Luncheon. The photos on this and the following pages are presented here for your pleasure and a record of the conference. All photographs provided by Benjamin Krothe, Conference Photographer



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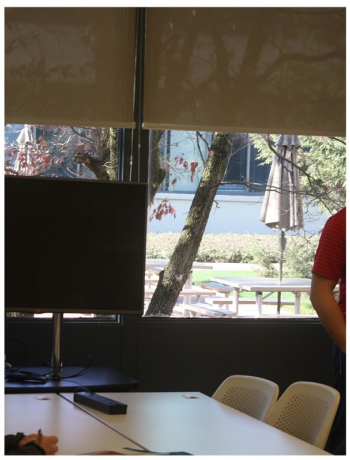

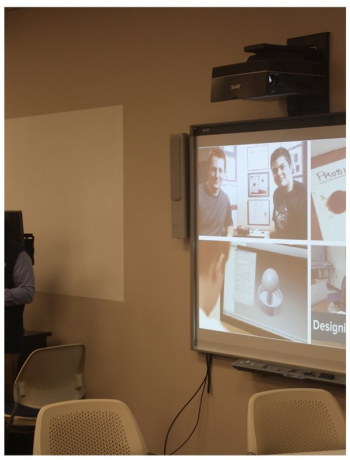


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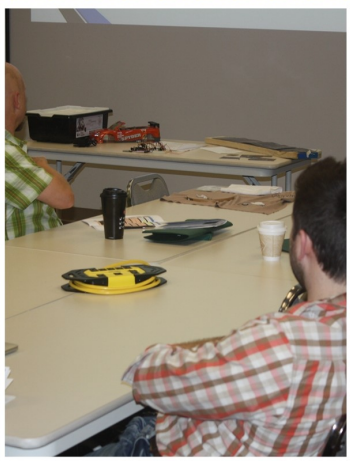
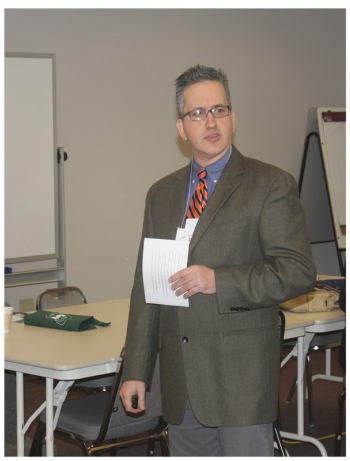

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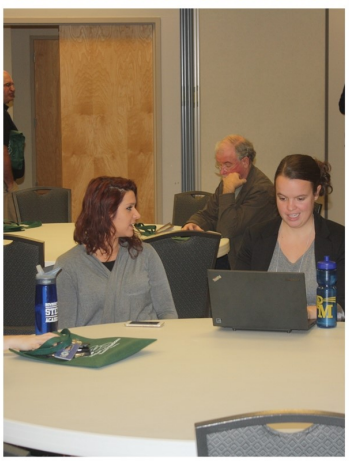

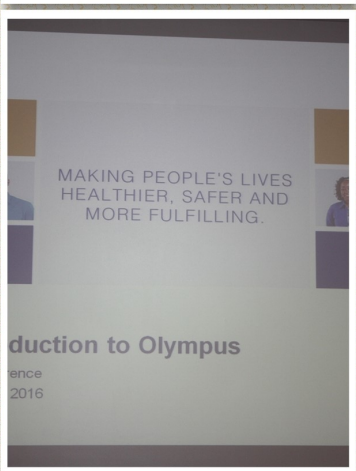
MAKING PEOPLE'S LIVES HEALTHIER, SAFER AND MORE FULFILLING.
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Be a Part of Engaging and Empowering Decision Makers Through Integrative STEM Education!

ITEEA's 79th Annual Conference in Dallas, TX - March 16-18, 2017

ITEEA is building on the success of the DC conference as we continue the planning for Dallas 2017 in earnest! The Dallas Conference theme is "Engaging and Empowering Decision Makers through Integrative STEM Education." Decision makers include all those with a stake in the education of our students as well as those with the power to influence its future. Decision makers are students, parents, our communities, and political decision makers. The 2017 DC Conference theme and strands were chosen to provide a vehicle for educators to learn more about and share their experiences.

With over 100 learning sessions, preconference workshops, the STEM Showcase, the latest products and services, student competitions, and MUCH MORE, the 2017 Dallas conference offers an unparalleled integrative STEM professional development opportunity.

It's not too late to be a STEM Showcase presenter—capitalize on the opportunity to share your knowledge with your colleagues while creating some great PR for your program! The STEM Showcase provides a forum to feature your best examplar of technology and engineering instruction. Apply by October 1at www.iteea.org/ITEEA_Conference_2017.aspx.

Want to apply for—or nominate someone for—an ITEEA award or scholarship? The deadline for most is December 1—and awards and scholarships will be presented in Dallas. Apply today at www.iteea.org/AwardsScholarships.aspx.

Watch the ITEEA website for information about preregistration, which is opening SOON! Preregistration provides numerous benefits including saving TIME and MONEY as well as eligibility for a $100 Visa gift card.

Preregistration is opening soon!
For the latest conference information, go to
www.iteea.org/ITEEA_Conference_2017.aspx

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Can we save Technology Education?

By: Paul Joyce, Ed. D.
Supervisor of Science and Technology Education
West Chester Area School District

By name, and as defined by state departments of education, Technology Education should be valued in today's society and in education. Technology Education should be the cornerstone of STEM programs. Yet, at the secondary level, programs are being reduced and eliminated. College programs are dwindling to skeletons of their previous viable structure. Why? Perhaps our educational system is preparing students for college but not career?

The GPA Race

During the late nineties, I witnessed the slow decline of enrollment in Technology Education classes at the high schools in my school district. The trend continued in the first decade of the 21st Century as students became increasingly focused on the college application process. Typical students who in previous decades had applied for admittance to a handful of colleges were now applying to ten or more, even as many as fifteen colleges or universities. There were lower tier, middle tier, and "reach" applications sent out. Competition for class rank and the GPA race were intense.

Federal and state incentives coerced students into enrolling in more science and math classes as STEM education arrived and again was supported by funds and programs. Technology Education, the root of STEM, continued to falter. Why?

While Technology Education is a mandated part of the curricula in many public middle schools, it is almost always an elective at the high school level. Students do not enroll because it will "hurt" their GPA. The GPA race, fueled by parents, is more important than a well-rounded education. While students dedicate countless hours to after school programs in STEM, robotics, and Science Olympiad, they will not enroll in materials or design classes. It is not because of a lack of interest; it is because we are failing our students' as an educational system. The intense pressure from the students' themselves, parents, and society to be the best, to score the highest, has been producing graduates who are college but NOT career ready.

School districts boast about the percentage of students that go on to two- or four-year colleges with each years graduating class. The students' names are published along with the colleges they will attend in district-related materials and in public newspapers. Do you know of any school district that tracks the success rate of its previous students' in college?

Institutional Change

Recently, many school districts, including my own, have recognized this problem as it has been amplified to the point of causing serious problems with our students. There has been a rise in social, emotional, psychological, and physical illness among students in the GPA race; many student are affected. Districts are moving to eliminate class rank along with hierarchical selection of Valedictorian and Salutatorian. In many cases, the scope of GPA is being limited and only applied to major subject areas. Electives are becoming "non-weighted."

Opportunities for Students

This trend will create tremendous opportunities for students. Students will be able to select from electives in the areas of Art, Family Consumer Science, Music, and Technology Education without the resulting effect of "hurting" their GPA. Districts that have already made some or all of these changes have reported an increase in diverse selection of courses by students. Despite their intellect and their appearance, these students are our children. They deserve the opportunity to explore and experience a wide array of educational opportunities without penalty.

What Can Technology Education proponents do?

While recently attending the 64th annual TEEAP STEM conference, I learned that the Technology Education teacher certification programs at California University of Pennsylvania and Millersville University are dwindling rapidly, more so than I previously believed. If your school district has not yet addressed the GPA race, create a moral imperative for institutional change. Talk to your principals, central office staff, superintendent, and Board of Education. Remove obstacles from students' choices. Create an environment that encourages students' ability to examine and explore a wide variety of cur-

ricula. This first step is crucial to keeping Technology Education alive.

Additionally, I suggest a course of action as follows for Technology Education proponents:

1. Examine the Pennsylvania Standards for Science, Technology, and Engineering Education. Take the time to reconstruct your middle school curricula into a program that engages students in materials, design, and the use of advanced technologies such as robotics and 3-D printing. Build a desire in students to want to learn more in these areas.

2. Meet with middle school guidance counselors and principals, emphasize the importance of Technology Education in the standards, and encourage students to enroll in high school Technology Education electives.

3. Have the high school teachers visit your middle schools and promote the Technology Education program.

4. Partner with middle school and high school science and math teachers on collaborative projects.

5. Create a major presence for the Technology Education department at events that parents attend such as "back to school" and course selection nights. Set up demonstrations and get students involved. Parents, in general, do not know what Technology Education has to offer. Show them!

6. Modify and revise your high school curricula, create a "capstone" course that many students' are eligible to complete.

7. Promote the programs at California University of Pennsylvania and Millersville University with administration, guidance, parents, and the community. Have students visit these schools.

Most importantly, continue to represent the Technology Education department as an exemplary role model for students as you challenge, encourage, engage, and involve them in technical and collaborative skill development and higher order thinking so they will truly be college and career ready.

Membership Notes:

By Mike Kozuchowsky

If you are unsure of when your TEEAP membership expires, it is printed on your TEEAP Journal mailing label. The next printed Journal will be mailed in July. All membership inquiries should be sent to Mike Kozuchowsky, Membership Registrar at: mkoz@roadrunner.com. Please put "TEEAP Membership" on the subject line. Failure to put "TEEAP Membership as the subject will result in the email being discarded before it is read. Please forward address changes and home email address to your membership registrar. It is very important that TEEAP has up-to-date contact information for your JOURNAL, voting for elections, surveys and etc.

Recycled Rover Mock-Up Design Brief

Grades K-5

By Sarah Torchia & Scott Famer

Background:

Space exploration is extremely difficult for humans. We can't survive on another planet or in the vacuum of space without protective gear. We also need food, water, clothing, and shelter. In order to get us there, we need to use large shuttles that cost millions of dollars to build, launch, and operate.

As a result, NASA uses smaller vehicles such as satellites and rovers. These vehicles cost much less than sending a human to explore space and yet they can gather a lot of data about the location. NASA's main exploring vehicle is the rover; a small all-terrain vehicle designed to navigate and survive extraterrestrial environments. Rovers take pictures, collect rock and dust samples, and run various other tests and data collection instruments.

Challenge:

NASA needs you to develop a rover for research and exploration on another planet! Design and build a mock-up rover to explore the planet of your choice.

Specifications:

What will your rover look like?

- Must be adapted for at least three characteristics of the planet.

How will it fit inside the rocket?

- Must be able to fit inside the rocket that will take it to the planet (use the teacher provided box for dimensions).

Where will the camera and other data collection instruments go on your Rover?

- Must have a location for the provided camera and "package" of additional data collection instruments.

Limitations:

You may use any tools available in our classroom, or at home (with adult supervision).

You may use any materials that are available in the classroom, or at home (with adult permission), but these should not be new materials. Make your recycled rover out of recycled parts gathered from clean household waste.

Assessment Criteria:

See the attached rubrics for criteria.

Formative Assessment (Process/Packet): 60% of total project points (120 points)

Summative Assessment (Product/Rover): 40% of total project points (80 points)

Rover Formative Assessment

(Process/Packet)

Investigation _____/30 pts.

- 5 Questions (5 pts. each)
- Answers/Evidence of Research (1 pt. each)

Brainstorming & Ideation _____/40 pts.

- 6 Different Pictures (5 pts. each)
- At least 5 written ideas (2 pts. each)

Possible Solutions _____/35 pts.

- At least 4 solutions (5 pts. each)
- 3 Pros for each solution (2 pts. each)
- 3 Cons for each solution (2 pts. each)
- Dimensions listed (3 pts.)

Chosen Solution _____/25 pts.

- Dimensions listed (5 pts.)
- Materials listed (5 pts.)
- Write out reasoning for selection (15 pts.)

Developmental Work _____/25 pts.

- Log, pictures, or list of what changed during process of building

Testing _____/40 pts.

- Were all three tests completed and results recorded? (10 pts. each)
- Wrote paragraph of suggested revisions/modifications (10 pts.)

Evaluation _____/25 pts.

- Reflected on product (10 pts.)
- Reflected on self (10 pts.)
- Complete sentences used (5 pts.)

Total Points _____ /120 pts.

Rover Summative Assessment

Category	Points			
	10	8	5	3
Protection from Planet's Characteristic #1	Rover is definitely protected from this characteristic	Rover might be protected from this characteristic	This is not a characteristic of this planet, although rover is protected. OR Rover is not protected, although good attempt was made.	Little thought was given to this, although an attempt was made.
Protection from Planet's Characteristic #2	Rover is definitely protected from this characteristic	Rover might be protected from this characteristic	This is not a characteristic of this planet, although rover is protected. OR Rover is not protected, although good attempt was made.	Little thought was given to this, although an attempt was made.
Protection from Planet's Characteristic #3	Rover is definitely protected from this characteristic	Rover might be protected from this characteristic	This is not a characteristic of this planet, although rover is protected. OR Rover is not protected, although good attempt was made.	Little thought was given to this, although an attempt was made.
Fits Inside Rocket (box)	Rover easily fits inside box	Rover barely fits inside box and needs to be forced	Rover needs to be bent to fit inside box	Rover needs minor modifications to fit inside box
Camera and Data Collection "Package" Connects to Rover	Camera and package both have a clear location or fits easily inside rover	Both have a location or fits inside rover, but it was obvious that student hadn't thought it through	Only one of them has a clear location or fits easily inside rover	Only one of them has a possible location, although not very secure or thought out.
Recycled Materials Used	95% of materials are recycled	75%-94% of materials are recycled	50%-74% of materials are recycled	25%-49% of materials are recycled
Overall Quality of Workmanship	Obvious care was taken in the construction	Some sloppiness evident	Rover was hastily constructed. OR very sloppy work.	Very little care was taken. It looks more like the materials than a rover.
Connection Materials (tape, hot glue, etc.)	Clean connections. Can barely see them.	Materials are obvious from close proximity	Materials are obvious from a distance.	Excessive amounts used. Extremely sloppy. Detracts from overall quality.

Total Points _____/80 pts.

A BLAST FROM TEEAP'S PAST

http://www.teeap.org

IAAP TEAP TEEAP

A few more tidbits from our past. The sixties and seventies were a time of shaping for our organization.

PENNSYLVANIA INDUSTRIAL ARTS NEWS

An Affiliate of the American Industrial Arts Association — a Department of the N.E.A.
An Affiliate of the Pennsylvania State Education Association through the Department of Vocational and Practical Arts Education

Vol. 16, No. 1 | Industrial Arts Association of Pennsylvania | March, 1968

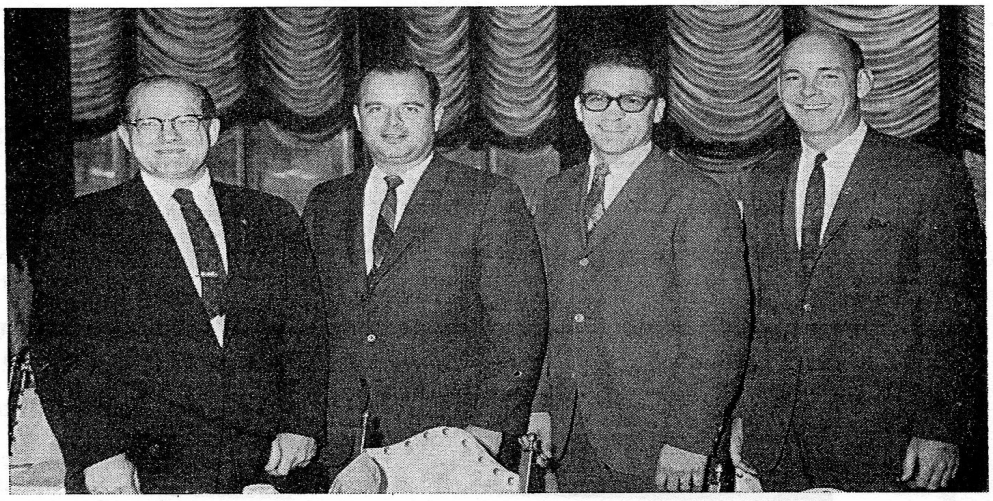
Message From The President

As your President, I would like to reflect my feelings to you on what I have inherited, what I hope to do with this inheritance, and what this inheritance should mean and could do for you.

For many years, through being active in the IAAP, I was impressed with the feeling that this is a very strong association which put on one of the finest state industrial arts conventions in the country. As I progressed toward the office of President, I came to suspect that this association was not strong at all, but only gave an appearance of strength. Now that I am President, I can report to you that my mind is no longer in a state of doubt because I believe without question that we are not as strong as we would like to be. Our strength lies in the hands of only a few dedicated individuals who work tirelessly to keep our association alive. If it were not for the continued sincere selfless efforts of the officers, a few committee chairmen, and several members of the executive committee, the IAAP would fold immediately. This is a very un-

(*Continued on page 4*)

William Kabakjian, Jr.
President, Industrial Arts Association of Pennsylvania



1967-68 Officers of the Industrial Arts Association of Pennsylvania
(Left to right) Joseph P. Kennedy, Treasurer; Richard A. Long, Second Vice-President; William Kabakjian, Jr., President; and Lambert K. Sailer, First Vice-President. (Absent) — Rufus C. Johnson, Immediate Past Presidnt.

— photo by William J. Wilkinson

Pennsylvania Lagging Behind in AIAA Membership

Pennsylvania is not keeping pace with the other fifty states in the drive to double AIAA membership by 1970. In a report to State Representatives Dr. Decker announced that three states had already met their 1970 goal. Twenty states had achieved their July 1968 quota while nine others were 90 percent or better.

Pennsylvania leads all other states in total membership with a little over 700 members. Excluding Life members and college students the Keystone State can only boast 450 Annual members. A growth of seventy-five annual members will place Pennsylvania with the "elite."

Checks for ten dollars should be made payable to AIAA and sent to the State Representative or direct to the national office. Join today and begin to share in the many benefits AIAA members enjoy. If you are a member, do your professional good for the day by signing up a non-member. To double AIAA memberships by 1970 will require the efforts of all members.

New Industrial Arts Staff Member at DPI

The Department of Public Instruction announces the appointment of Mr. Ronald B. Hall to the position of Industrial Arts Advisor.

Mr. Hall comes to the Department from Gettysburg where he was Department Head and teacher of industrial arts education. He is a 1957 graduate of Millersville State College and completed his master's degree in 1963. He is currently a doctoral candidate at the University of Maryland.

Mr. Hall formerly taught industrial arts at Littlestown School District in Adams County and Eastern School District in York County. He has supervised student teachers from Millersville State College. This past summer he attended an Institute at the New York State University College in Oswego entitled, "Field Studies of American Industry."

With his varied experiences and built-in enthusiasm, we look to Mr. Hall as being a valuable addition to the staff of the Division of Industrial Arts Education in the Department of Public Instruction.

PENNSYLVANIA INDUSTRIAL ARTS NEWS

An Affiliate of the American Industrial Arts Association — a Department of the N.E.A.
An Affiliate of the Pennsylvania State Education Association through the Department of Vocational and Practical Arts Education

Vol. 16, No. 2 | Industrial Arts Association of Pennsylvania | June, 1968

Wade Wilson

Wade Wilson Named New Prexy at Cheyney

Dr. Wade R. Wilson has been named as acting president of Cheyney State College by the college's Board of Trustees.

This announcement was made at an all-college meeting by Hobson R. Reynolds, newly-elected chairman of the board.

Dr. Wilson was named to fill the vacancy created by the resignation of Dr. LeRoy B. Allen. Dr. Allen resigned May 9 following major student demonstrations on campus. His resignation was accepted "with regret" by the board.

Dr. Wilson, who has been director of development, grants and awards at Cheyney since January of this year, has been on the college faculty and staff since 1947. He taught in the school's industrial arts division until 1957 when he was named director of that program.

(*Continued on page 25*)

N.D.E.A. Improves The Industrial Arts

Industrial arts was added as the tenth critical subject area to the National Defense Education Act by the U.S. Congress, on October 21, 1966. Funds became available for program improvement in Industrial Arts Education in Pennsylvania on July 1, 1967.

Industrial arts means the study of technology, its history, growth, and development in terms of industrial organization, materials, occupations, products, processes, and problems including related academic endeavors as well as laboratory experiences. It is a curriculum area in general education in which students may create, experiment, design, and plan while dealing with issues related to technology.

Title III provides funds which are matched by State and local school districts for the improvement of industrial arts instruction by the purchase of modern instructional equipment and materials.

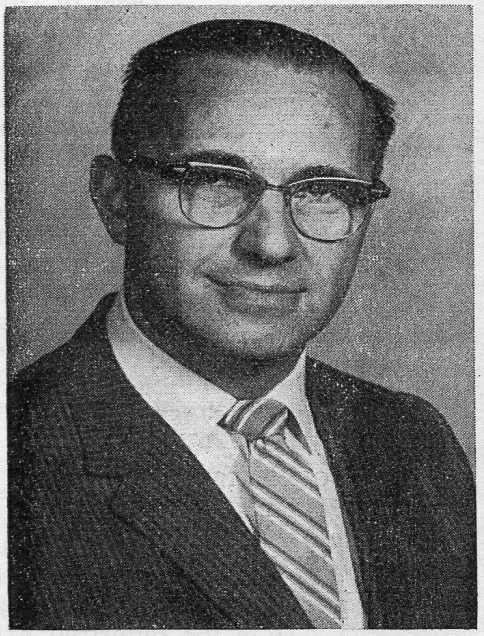
Although Title III involves a relatively small amount of money so far in industrial arts, it has made a major contribution to the improvement of education because the funds are spent precisely at the point where a relatively small amount of money can do the greatest good in the improvement of laboratory instruction.

Title III involves matching money on a 50-50 basis for the acquisition of equipment and materials. Thus, State and local efforts are required, and the matching requirement does much to assure prudent spending.

School districts are submitting long range plans that provide for the enrichment and extension of the industrial arts program in terms of the stated objectives of Industrial Arts in Pennsylvania. The plans may be revised at any time so as to keep current with emerging trends in industrial arts education.

Projects concerned with the acquisi-

(*Continued on page 10*)



Charles R. Schlegel

Schlegel Named Outstanding Industrial Arts Teacher for Pennsylvania

Charles R. Schlegel recently received national recognition by being honored by the American Industrial Arts Association as the Pennsylvania recipient of its Teacher Recognition Award. The Man of the Year for Pennsylvania award and plaque were presented at the 30th Annual Convention of AIAA held in Minneapolis from April 30 through May 3. The award is made in recognition of outstanding service to industrial arts and to the teaching profession.

Mr. Schlegel is currently a General Shop teacher (wood, plastics, mechanical drawing, leatherworking, and electricity) at Abington Junior High School (Montgomery County). He has been active in curriculum development in industrial arts education at his school. After 31 years of teaching industrial arts, Mr. Schlegel's zest and

(*Continued on page 25*)

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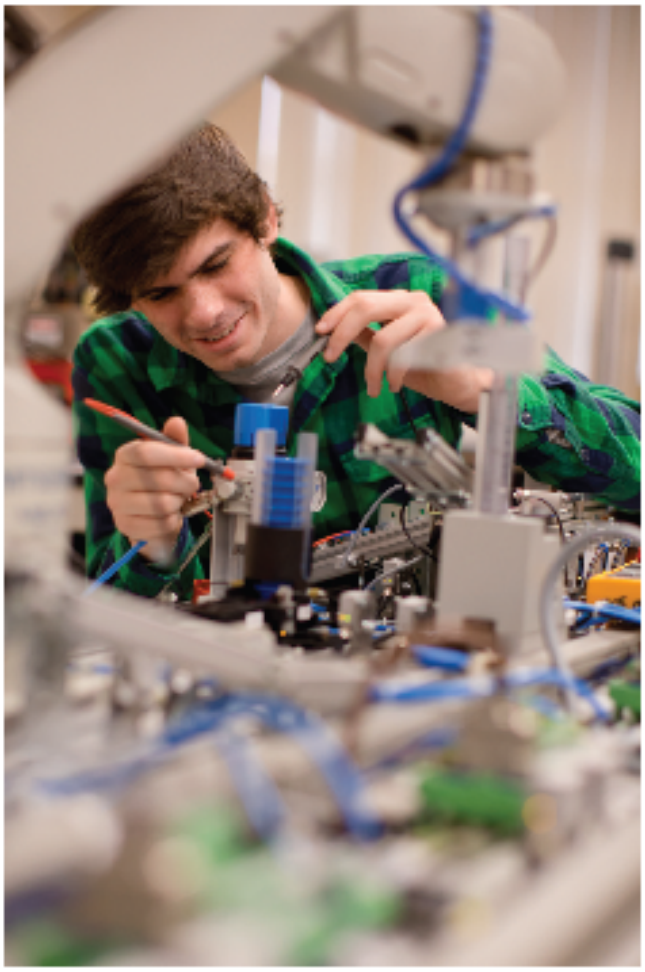

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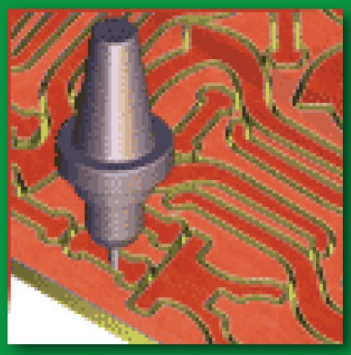

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