

# EXCEL LETTER

News of EXCEL TECC • Mayfield Excel Technical Education Career Consortium

Serving School Districts:  
• Aurora  
• Beachwood  
• Chagrin Falls  
• Mayfield  
• Orange  
• Richmond Heights  
• Solon  
• South Euclid-Lyndhurst  
• West Geauga

Vol. XV No. 1

Fall 2014

## Director's Notes

by Nathan Bishko

Welcome back for the 2014-2015 school year! My name is Nate Bishko and I am proud to begin my fourth year as Director of Excel TECC. Excel TECC is excited for another banner year in Career Technical Education. We would first like to congratulate the Class of 2014 and wish them the best of luck in their post secondary and career endeavors. It is a class that had nearly 100% graduation, earned numerous tech prep college credits and garnered over NINE MILLION dollars in scholarships from Universities and Colleges. This year promises to be just as good, if not better! For the first time in five years, Excel TECC is looking at expanding programming. We are excited to be a part of the STEM2M initiative with Mayfield City Schools. We are committed to having the finest Career Technical consortium in the state of Ohio. Please make sure to peruse our webpage to get specific program updates, follow us on Twitter and friend us on Facebook.

## Program Power

### Fun with Dave & Busters!

by students Olivia Marti, Maddie Clegg, Jacob Rathbone, Jon Klindera and Eva Hoyack

THE BEACHWOOD MARKETING class has started off the year with 24 seniors from four different high schools through the Excel TECC Consortium. Throughout the school year, Mrs. Getz's marketing program will be running the class as a market research & advertising company. The client that the marketing class will be working with is Dave & Buster's Entertainment Corporation.

The marketing students are thrilled to be working with Dave & Buster's Corporation! Dave & Buster's is an American restaurant and entertainment business. The class travelled to Dave & Buster's in Lakewood and met with the management to discuss how they can assist with new business strategies. After the meeting, the students spent some time learning "first-hand" how to have "fun" at Dave & Busters so they can better market the company. The students are extremely excited to have such an entertaining client this year and will collaborate as a team to come up with great promotions, marketing strategies and advertisements for the Dave & Buster's Corporation.

The marketing class is also pleased to announce that two of the students, Charlie Winovich from Chagrin Falls High School and Jacob Sparrow from Beachwood High School, will be running for DECA state office. DECA is an international organization for marketing students. In the next few months, the marketing class will be helping with promotions and campaigning for their fellow classmates in hopes that Beachwood Marketing may represent Ohio DECA.



Mrs. Getz's Marketing Class enjoys Dave & Busters

...continued on page 2

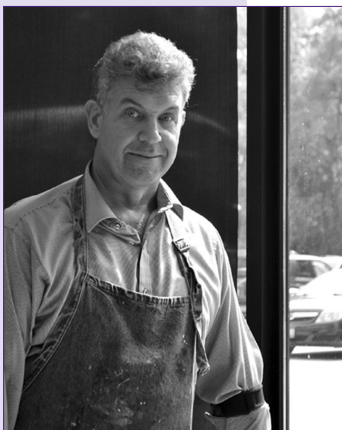
## Welcome New Excel TECC Staff 2014-2015



### Michael Lerman

is the Excel TECC instructor for the Fire/EMS Training Academy program. He introduces himself here: "I have

worked as a Firefighter/Paramedic for 15 years. In my years of service, I am honored to serve the public and help others through sometimes tragic situations. I began teaching my fellow firefighters continuous education training within our field. I now enjoy the opportunity to teach young firefighters and hope to develop their careers in this exciting and rewarding field. As well as instructing, I continue my service as a Firefighter/Paramedic at Concord Fire Department."



### Daniel Whitely

is the new instructor for the Studio Art & Design program. He writes: "I consider myself an artist/teacher who has stepped into

the classroom to instruct, guide and nurture each student's creative process. My students will tell you that I am passionate about visual arts and I will stand on my head to get them to reach deeply into their imagination as they give form, dimension, and color to their work. More importantly I want them to recognize their artistic potential while developing independent thinking and creative problem-solving. I am an artist and teacher. And if I am successful at either, it is because I have been a student all my life."

## CONSTRUCTION TRADES Building in 2014-2015

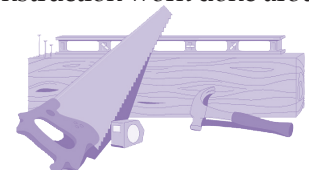
by Rick Zivny, Instructor

THE CONSTRUCTION TRADES PROGRAM would like to welcome back our 27 returning seniors and welcome in our 28 new juniors. We are busy tearing down the remaining houses that were built last year and getting our lab ready for the new houses that we will be building this year.

We will be building three homes this year: 1- 26x28-foot log cabin with an upstairs loft, 1- 26x28 A-frame home with a upstairs loft, and 1- 12x44 ranch log sided home. All homes will be built to approved/certified blue prints including electrical, plumbing and all other 2014 architectural advances. These blueprints/designs are being created by the Excel TECC CADD (Computer Aided Design and Drafting) program 12<sup>th</sup> grade students. When the construction project is completed, Excel TECC's nationally recognized Environmental Education Program students will provide the landscape architectural plans and installation of plants around the exterior of our homes. Another collaboration comes from the Studio Art and Design program students who will provide wall decorations and other beautiful art works throughout the homes. At this time we have just started to lay out the concrete block foundation. We will complete this year's homes by the end of May when we will host our annual open house. Watch for detailed information on the Open House date and times.

We have started taking on outside projects that our senior class will work on: installing plumbing and sinks at Mayfield Middle School's concession stand for the youth football club; and installing a new roof for a Mayfield village resident. If you live in the community and would like an estimate for some construction work done around your home, call us at 440-995-6744.

Thank you for your support.



## Dave & Busters... (continued from page 1)

As members of DECA, the Beachwood marketing students will also be preparing for the DECA competitions while learning the principles of marketing. DECA is a remarkable experience in the preparation of emerging leaders and entrepreneurs and has impacted the lives of more than ten million students. The Beachwood Marketing students are working toward competing at DECA internationals in Orlando, Florida this April. Over sixteen thousand high school students, advisors, businesspersons and alumni will gather for several days of in-depth DECA competitions. The class hopes to take multiple students to compete in both DECA's individual and team competitions. The Beachwood marketing team has already started searching for fundraising ideas in order to provide the capital for DECA trips, such as district, state and the international competitions.

The marketing students will soon have nominations as company/class officers and separate into groups to learn the common fundamentals of marketing and communications. The students are very enthusiastic about the upcoming events that they will be taking on this school year!



## Introducing **STUDIO ART**

by Dan Whitely, Instructor

THE FORMER EXCEL TECC Visual Art & Design program is being reimagined in 2014-15 as Studio Art & Design, with instructor Daniel Whitely. For their first project, Mr. Whitely received on loan from the Natural History Museum several dioramas of animal specimens. They were displayed and properly lighted within the classroom for two weeks for students to use as models for drawing. A future joint project is also being discussed with the Natural History Museum's marketing department to have art students assist and collaborate on a 12 month illustrated calendar. More to come ....



[ABOVE] Drawing by junior, Isaac Meister (charcoal/pastel)



[LEFT] Nick Taylor, senior at Brush, works on his drawing

## Mayfield **COSMETOLOGY**

by Maryanne Hummell and Debby Kall, Instructors

THE MAYFIELD COSMETOLOGY PROGRAM is off to a great start and would like to welcome the new junior students to the program. The seniors are excited to have opened their customer clinic to the public and will be preparing to take their State Exam this May. Hours of operation for the clinic are Wednesday, Thursday, and Friday 11:30 a.m. to 2:00 p.m. It is recommended that if you want to come in for a service you make an appointment by calling 440-995-6740. If you need a price list just call us and we can send one out to you. It is a great time to schedule a manicure or pedicure before winter comes.

The current seniors volunteered their time at the Gates Mills summer camp to provide the young campers with a spa day. What a great experience for the Cosmetology students. It was a great opportunity for our students to interact with these young campers.

Our senior students will be starting their Internship in a salon in October and continue through February. This will give the students the opportunity to work hand in hand with a Managing Cosmetologist and will be able to perform the skills they have learned in their program. The internship is an exciting time for students to connect their skills to the real world. Our students have been placed in a number of salons in all of the school districts that send students to us. If you see them out there in a salon please say hi to them. They will need a total of 150 hours to be eligible for their State Board of Cosmetology Exam. This hands-on experience is great for both our students and the salon owners.

The students of Mayfield Cosmetology had a booth setup at the Mayfield Fall Fest this October. They polished nails and did crafts with the children.



Mayfield  
Cosmetology  
Junior Class  
2014-2015

### CAREER TECH FACTS

Ohio career tech students take 450-900 hours of career-focused coursework in addition to meeting the Ohio Core graduation requirements.

Of students who concentrated their studies in career-technical education:

- \*98% graduate from high school
- \*60% obtain further education
- \*50%+ are employed within 9 months of graduation



## CADD Students Participate in Several Hands-On Experiences

by Craig Schmidt, Instructor

CONGRATULATIONS TO 2014 EXCEL TECC CADD Engineering Technology graduate Samantha Bishop (Mayfield/senior), who was the recipient of the Excel TECC Director's Scholarship. She began studies at Ohio University this fall, where she plans to pursue a degree in Mechanical Engineering. Samantha also was the recipient of the 2014 Hillcrest Rotary Award for CADD. Other award recipients included Departmental Award winners Zach Rico (Mayfield/junior) and Alfred Beckstrom (Aurora/senior). Kenny Tyler (Aurora/senior) received the CADD Outstanding Student Award at Senior Send-Off.

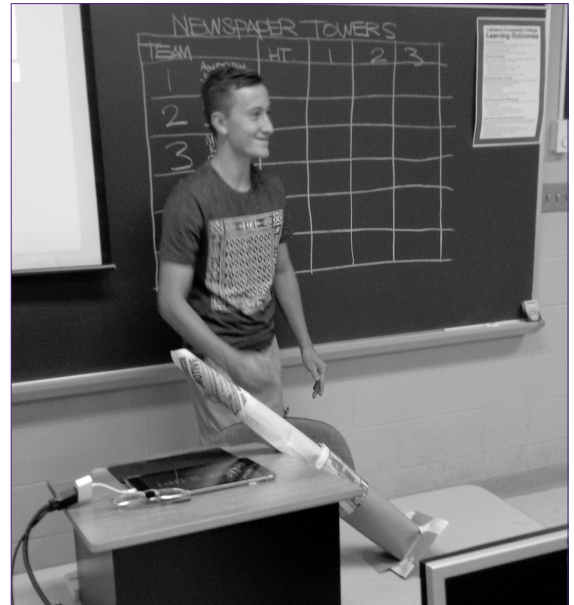
For the second straight year, 100% of Excel TECC CADD Engineering Technology graduates are attending colleges or universities. Their choices include The University of Akron, the University of Cincinnati, Columbus State, Gannon University, Kent State University, Lakeland Community College, Ohio University, Toledo University and Cuyahoga Community College.

The 2014-15 school year is off to a great start!

For the fourth straight year, Computer-Aided Drafting and Design Seniors will once again collaborate with the Excel TECC Construction Trades and Environmental Education programs as a part of the 2014-15 Modular Homes Project. CADD Seniors are currently preparing preliminary designs for homes to be constructed by the Construction Trades program. Student teams are designing various single- and two-story homes to be constructed in the Construction Trades Lab. When the preliminary drawings are finalized, and the successful designs are selected, CADD Seniors will produce complete sets of construction drawings for each home. Once the homes are under construction, CADD Seniors will monitor the progress and resolve any issues our "clients" – the Construction Trades program – have. This partnership between the CADD, Construction Trades and Environmental Education programs gives our students a real-life authentic experience that could not be experienced in a single program.

Our incoming Juniors participated in a team exercise on the second day of class named "The Newspaper Challenge." Teams of three students got a taste of the engineering design process, as they designed, prototyped and constructed newspaper towers that would need to withstand "wind" from the classroom fan. Fan speeds ranged from "normal" to "hurricane force" winds. All six teams constructed towers that withstood the hurricane force winds! This was the first of several short design challenges students will participate in throughout the two-year CADD program, building their collaborative and problem-solving skills through the use of hands-on activities.

CADD Juniors and Seniors attended the Formtek, Inc. Manufacturing Day on Friday October 3. The event is a trade show type venue, which gave our students an opportunity to talk with a variety of different Engineering/Manufacturing companies in the Greater Cleveland Area as well as a variety of colleges and universities to learn more about their degree programs in these pathways.



Kyle Ardai consults with team members after their first tower design toppled under "hurricane force" winds. They redesigned their tower, and their final solution was able to withstand the high winds.

The team of Edwin Sapozhnikov, Sara Bernhardt and Ezell Williams brainstorm designs for their newspaper tower.



You can follow Excel TECC CADD Engineering Technology on Instagram: @excelteccadd.



## Environmental Education

by Becky Gardner, Instructor

WE ARE STARTING the academic year off in high gear! The students from the Environmental Education Center have been busy conducting off-site work projects throughout the district. The A.C.E. and Landscape Operation students have begun a large landscape renovation project at CEVEC. Landscape maintenance projects have been competed at Excel TECC, the Board of Education and the Wildcat Sport & Fitness Complex.

At the Environmental Education Center, the students from the Greenhouse Operations program are working alongside the Master Gardeners of Cuyahoga County harvesting vegetables and fruits to send to Magnolia House. The Landscape operations students are installing an electric fence around the perimeter to help better deter 'wildlife' from enjoying the produce. The CBI and A.C.E. students have been maintaining the path that meanders through the Philip G. Price prairie and alongside the ponds.

The students in the Cleveland Botanical Garden program have been touring all of the facilities that they will be working at throughout the school year. Students are eager to work in the Glasshouse, in the Hershey Garden and at the Learning Gardens behind Dunham Tavern. These students work alongside the CBG staff to design and maintain all of the displays inside and out. The students have been harvesting produce from the CBG organic gardens throughout the Cleveland Area.

We will be adopting two elementary schools (Lindsey Elementary, Chesterland & Richmond Heights Elementary) and a beach this year! Students from the A.C.E. program will 'teach' the young students horticulture concepts as well as host fieldtrips to our center. All students will participate in the study of Overlook Park Beach throughout the year. Some of the activities include: water testing, recording algae, insect and wildlife populations and measuring the current levels.

September was spent in preparation for the popular Family Fall Festival held the second Saturday in October. A partnership between the Environmental Education students and the Mayfield Business Alliance was formed to offer this great fall activity for the community. Some of the activities include: games for the children, hayride, bouncy house, craft vendors, food, entertainment and the best costume contest in the area! Join us on Saturday October 11 from noon to 4:00 p.m.

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scheduling: 440-995-7556



[TOP]  
Josh Friedler [L] works with Mr. Ed Tuhela on installation of the electric fence.



[CENTER]  
Jordan Andrusk works in the prairie

[BOTTOM]:  
Ryan Markiewicz, Nick Richards and Brandon Barone work at CEVEC



## BUSINESS ACADEMY 2014-2015

by Donna Fronck, Instructor

THE BUSINESS ACADEMY is happy to welcome new juniors to the program for this school year. Students represent the following districts: Aurora, Beachwood, Richmond Heights, South Euclid/Lyndhurst and Orange. The first week of school students were engaged in Teambuilding activities and an introduction to a professional environment in our lab located in Room 295 at Mayfield High School.

Junior class elections were held the third week of school. Congratulations to the new officers: Maik Tatum, President; Ethan Nario-Redmond, Vice President; Sidney Spencer, Secretary; and Audrey Wilson, Treasurer. This year students will be learning basic Accounting, Economics, Marketing, Management, Finance and Entrepreneurship. The class will focus on Interpersonal Skills, Leadership and Professionalism. Students will also be required to use verbal and written communication skills and to collaborate in a team environment. Bi-weekly Roundtable discussions will help students to remain in touch with current events, refine research skills and to further develop their oral communication skills. Field trips throughout the year will enrich the experiences provided in the classroom by allowing students to experience a variety of different work environments first hand. They are looking forward to the many experiences planned for this year.

Seniors returning to the Business Academy this year are immersing themselves in projects and employment strategies and beginning to think about internship opportunities in the community. They are particularly interested in involving themselves in activities to

give back to the community and fundraising. This year's course of study will include advanced practices in Entrepreneurship and Employment and will help them to further develop leadership and interpersonal skills and professionalism. Professional Development activities will be provided with workshops, speakers and fieldtrips. Students will have the opportunity to "major" in a specific discipline and pursue their interest in various areas of Business. So far, they have expressed an interest in Event Planning, Fashion Merchandising, Management, and Entrepreneurship and General Business Administration. Students have already developed a "Vision Statement" and they will be compiling samples of their work to include in their ePortfolios which they will take with them after graduation. They have elected class officers who will be responsible for holding class meetings and providing leadership throughout all of the class activities this year. They are: Molly Holzauer, President; Allison Kritzer, Vice-President; Andrea Kuchta, Secretary; and Tai Russell, Treasurer. Congratulations to these officers.

For 2014-2015 10th graders...Find out about Career Technical programs available for 2015-2016  
**OPPORTUNITY DAY/NIGHT - Thursday DECEMBER 11, 2014**  
 Field trip during the day for current 10th grade students;  
 Evening session for parents & students at 7:00 pm - all day at Mayfield high school

## CULINARY ARTS

by Danette McHale, Instructor

RECENTLY, CULINARY ARTS seniors interviewed with industry professionals on their Dress for Success day at Beachwood high school. They were required to be in business attire and prepared with updated resumes, job applications and a firm handshake! The seniors attend their Culinary II class at Beachwood high school each morning and work in the food industry after school and weekends in paid internships.

Culinary Arts seniors  
dressed for success



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 Kay Vincent, Editor



## Medical Technologies

by Karen Hale, Instructor

MEDICAL TECHNOLOGIES GRADUATES of 2014 have started their college experiences, attending colleges and universities close to home and away – University of Cincinnati, OSU, Slippery Rock, Kent State, University of South Carolina, Akron, and the University of Tampa are just a few of the colleges who will receive well prepared students.

The Cleveland Clinic interviewed over 500 high school students for an opportunity to participate in the Cleveland Clinic Summer Internship Program. Britni Roundtree, a Mayfield High School senior, was selected to attend the nine-week paid internship program which exposed her to world renowned physicians and researchers. Britni conducted and co-authored research entitled “Utilizing Simulation with a Direct Focus on Team Leadership may subsequently improve Pediatric Resuscitation while implementing the AHA’s 1-2-5 Guidelines.” We are very proud of her contribution.

Tom Serowik, a Richmond Heights senior in Medical Technologies was the first student selected to attend the University Hospitals Richmond Heights/Bedford Hospitals Summer Academy. Developed by Robert David, the new President of UH Richmond Heights Hospital and his wife Flora, the program provided an eight-week experience within the acute care hospital system. Tom states, “I shadowed most hospital occupations from Nursing to maintenance and patient registration. This experience not only confirmed my desire to enter the health care field but also gave me insight into how to achieve my goals.”

Joey Roznik and John Sternes also spent their summers engaged in academic pursuits. Joey, a West Geauga senior was a participant in Envisions Youth Leader Forum on Medicine. He traveled to the University of Pennsylvania to study with other academically talented and motivated students learning from medical specialists in clinical technology. He experienced the realities of medicine first hand and also observed several surgeries. John Sternes, also a senior from West Geauga, was selected to participate in the Cleveland Clinic Summer Scholar Program. He was exposed to many different clinical areas including Internal Medicine, Radiology, Emergency Medicine and other sub-specialties. Students were supported and directed by staff physicians.

Sara Francioso, a Mayfield senior, spent her summer working as a student dental assistant in the office of Charles Berner, DDS. Sara says, “I was able to gain experience working with patients and I now understand what it takes to run an office and the importance of efficiency!”

Medical Technologies has elected the following students to SkillsUSA Officer positions:

### Medical Technologies I:

President: Erica Gambatese; Vice-President: Jenn Steinberger;  
Secretary/Treasurer: Harry Feuer; Historian/Reporter: Britany Harris;  
SkillsUSA Rep.: Micky Fleming

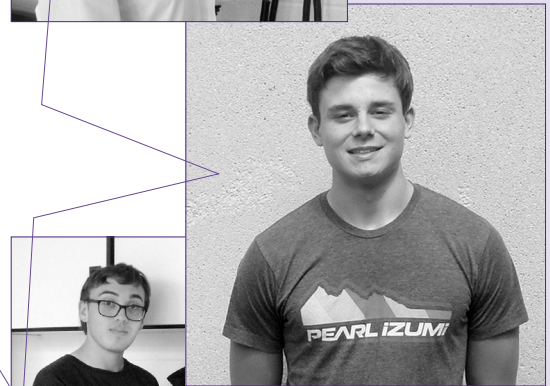
### Medical Technologies II – Period 6

President: Kimberly Shamakian; Vice-President: Sami Burns; Secretary/  
Treasurer: Britney Bolden, Valencia Winfrey; Historian/Reporter:  
Kelsey Robinson; SkillsUSA Rep.: Sara Francioso

### Medical Technologies II – Period 7

President: Jamie Grattino-Simon; Vice-President: LeAndra Grant;  
Secretary/Treasurer: Dante Dixon; Historian/Reporter: Sabrina Boyd;  
SkillsUSA Rep.: Karen David, Brian Hunter

Look for Medical Technologies at Hillcrest Hospital, University Hospitals, and other local health facilities as they begin their internship experiences.



[From TOP to BOTTOM]:  
Tom Serowik  
Britni Roundtree  
John Sternes  
Joey Roznik



Medical Technologies I Officers



**Excel TECC**  
 TECHNICAL EDUCATION CAREER CONSORTIUM  
 TECC Office: 6116 Wilson Mills Road • Mayfield OH 44143

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### DATES TO MIND:

#### ENVIRONMENTAL EDUCATION HOLIDAY OPEN HOUSE/ PLANT SALE

Friday DECEMBER 5-2014  
8:00am-6:00pm

#### SPRING OPEN HOUSE/ PLANT SALE

Friday MAY 15-2015  
8:00AM-6:00PM

Both Open Houses held at Gates Mills  
Environmental Education Center  
390 County Line Road  
440-995-7565

### Check out our public services & events:

- Construction Trades - page 2
- Cosmetology - page 3
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## OPEN TO THE PUBLIC Beachwood Bistro

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**GO TO:** <http://www.mayfieldschools.org> >ExcelTECC  
for news, program information & calendar of events