Dear Parents/Guardians,

We are now well beyond the half way point of the 2017-18 school year. As we navigate through the remaining months of the school year, there are some key dates and events that you should mark on your calendars.

First, if you are a parent of a senior, your focus should be on graduation, which will be held on Thursday, May 31, 2018. The seniors have much to do to prepare for that special night. Mr. Black, the senior class principal, has begun meeting with the senior class to begin the preparation for graduation. These meetings will become more frequent as we get closer to graduation. During the initial meetings, Mr. Black reviewed key dates and times of the significant events leading up to and including graduation. A list of this information was given to the students and mailed home at the end of January as well. This list can also be found on the district website. If you have any questions about your child’s progress towards graduation or about any senior activity, please do not hesitate to contact Mr. Black at 717-240-6800 x26835 or your child’s counselor, who is also closely monitoring your student’s progress.

Our underclassmen have just finished submitting their course selections online for the 2018-2019 school year. This is the first year in which the entire process was completed online. It appears to have been completed without any major problems. This has helped streamline this cumbersome process for all involved. Course selection is a critical component of a student's high school experience and the foundation for each student's future. Online submission of the student’s selected courses for next year does not signal the end of the course selection process. Student course selections can be changed through Friday, June 22, 2018, by contacting the student’s counselor or grade-level principal. Please take an active role in helping your child build a schedule that is enriching and rigorous. If you have any questions about the course selection process, do not hesitate to call your child’s counselor or grade-level principal. A rigorous and rewarding schedule will produce a meaningful educational experience that will allow students to be prepared for post-high school education or the workforce. Your continued support in this critical process is welcomed and needed.

The high school is excited to announce that two popular educational opportunities will again be offered to our students. First, CHS will continue its partnership with Penn State – Mont Alto. Eight college level courses, taught by college professors on our high school campus, will be offered during the 2018-2019 school year. These courses are available to rising juniors and seniors. It is a great opportunity for students to earn both high school and college credits at an extremely discounted rate. On Tuesday, March 6, 2018 at 6:00 pm, Penn State – Mont Alto staff will be presenting an informational session in the Fowler LGI for students and parents interested in the college level courses. Second, CHS will continue its partnership with Harrisburg University by again offering a number of summer camps that will be available to students between the ages of 14-18. The summer camps are designed to provide students with exciting hands-on, interactive learning opportunities in the areas of technology and science. More specific information about the camps can be found in this edition of the Newsletter.

As we move into the spring, I would invite you to support and celebrate the many activities and accomplishments of our students, including our musical, Big Fish, which will be presented February 22-24, and the Spring Art Show, which begins on Wednesday, April 18, 2018. In addition, there will be a number of awards assemblies and banquets to celebrate the academic and extracurricular success of our students. We hope to see many of you in attendance at these events.

Finally, I want to invite you to attend the Tuesday, March 6, 2018, Parent Information Breakfast to be held in the Fowler Café at 8:15 am. Our Culinary Arts students and their instructors, Chef Ehly and Chef Robison, will provide an outstanding breakfast. It is also a great opportunity for you to learn more about the high school, provide feedback, network with other parents, and ask questions. We hope to see you on March 6th!
IMPORTANT PHONE NUMBERS

**Swartz Building**
240-6800, ext. 27805
Mr. Paul Wysocki
Associate Principal, Grade 10...ext. 27812

Mr. David Frey
Assistant Principal, Grade 9...ext. 27804

Mrs. Christina Cook
Instructional Coach...ext. 27131

Mrs. Keely McGeehan
English Department Head Teacher...ext. 27115

Mrs. Malinda Mikesell
Reading Supervisor...ext. 27132

**Fowler Education Center**
240-6800, ext. 13805
Mr. Jay Rauscher
Principal...ext. 27802

Ms. Michele Barrett
Center for Careers & Technology Director...ext. 13814

Miss Stephanie Weimer
Head Librarian...ext. 13808

**McGowan Building**
240-6800, ext. 26835
Mr. Michael Black
Associate Principal, Grade 12...ext. 26802

Mrs. Cynthia Lupold
Assistant Principal, Grade 11...ext. 26812

Mrs. Heather Bosnyak
World Language/ESL Program Chair...ext. 26135

Ms. Kelly Brent
Mathematics Program Chair...ext. 26136

Mrs. Ashley Gogoj
Art Program Chair...ext. 26006

Mr. Byron Mikesell
Music Program Chair...ext. 26008

Mrs. Samantha Moyer
Science Program Chair...ext. 26882

**McGowan Building (continued)**
Mr. George Null
Director of Athletics/Health & PE Program Chair...ext. 26837

Mr. Kevin Wagner
Social Studies Program Chair...ext. 26132

**Swarner Mansion**
240-6800, ext. 17800
Mrs. Rita Warren
Director of Special Education...ext. 17814

DATES FOR 2017-2018

*Note: Dates may be adjusted due to school cancellations.

**END OF MARKING PERIOD:**
- Monday, March 19
- Thursday, May 31

**SCHOOL CLOSURES:**
- **February 15-16** - In-Service – No Students
- **February 19** – Snow Make-up Day - School in Session
- **March 28** – Snow Make-up Day - School in Session
- **March 29 - April 3** - Spring Recess
- **May 11** - In-Service – No Students
- **May 28** - Memorial Day – No School

**IMPORTANT DATES - END OF YEAR:**
- **May 1** – Band Banquet – Carlisle Comfort Suites – 6:00 p.m.
- **May 7** – Senior Awards – Swartz Auditorium – 7:00 p.m.
- **May 9** – CTE Awards – Swartz Auditorium – 7:00 p.m.
- **May 11** – Prom – Letort View Community Center – 7:30 p.m.
- **May 16** – All Sports Banquet – Letort View Community Center – 5:30 p.m.
- **May 24** – Seniors Last Day
  1. Honors Banquet – Dickinson HUB – 5:30 p.m.
- **May 31** – Last day of classes – Underclassmen
  1. Graduation Program – Ken Millen Stadium – 7:00 p.m.
- **June 8** – Report Cards Emailed Home
All library databases are available within the school district buildings without passwords. Please see the library staff for passwords to access databases from home.

Students also have access to renew books that are currently checked out and not overdue, and place holds on wanted titles, by logging in to their library accounts through the library catalog.

A variety of e-books and audio books are also available for check-out by students when they log in to their library accounts.

FROM THE NURSES

IMPORTANT REMINDERS:
There are still many juniors and seniors who have not turned in their required 11th grade physical forms. SENIORS who have not yet completed this requirement have been notified several times both this school year and last. Seniors will not be able to participate in commencement ceremonies if this requirement has not been met. Please take care of this promptly!

Accepted:
- Sports/Well checkup physical by family physician or walk-in-clinic, dated anytime from 10th grade through this school year
- School Sports Physical
- Copy of drivers permit/license-this verifies student has had recent physical exam.

Parents of juniors or any new students to the district may still request a required physical from our school physician this March. Please contact either Mrs. Lello (11th/12th gr) or Mrs. Spangler (9th/10th gr) to request a school physical.

IMMUNIZATIONS
Junior Reminder: All upcoming seniors 2018/19 will require a meningitis vaccine (MCV4) at age 16 or older-this vaccine is required at the start of their senior year., so please talk to the doctor about this important requirement during your check-up.

BMI:
Soon your child’s BMI results will be sent home. It is state mandated that all students are measured and weighed and the calculated BMI results are sent to parents as a guide in the physical health of their child. If you have any questions about your child’s results, please consult your child’s physician.

FYI:
Since most students now have cell phones, it has become increasingly common for them to call/text their parents to tell them they are sick and want to go home- before even seeing the school nurse. Please discourage this from your son or daughter! Students should see the nurse first, who will evaluate their condition and will then call a parent. Thank you, parents, for your help with this issue! Parents are encouraged to contact their student’s nurse to give a head’s up if their student had not been feeling well.
It is not too late to get a flu shot! The CDC still recommends the flu shot to help prevent/ minimize flu symptoms. The best ways to prevent the flu are still the easiest: flu vaccine, frequent handwashing, coughing/sneezing into sleeve, drinking plenty of fluids, and adequate sleep. Also, please have your child stay home when they ARE sick! If your child has a fever (> 100.4), please do not send him/her to school until they are fever free without fever reducing medication for 24 hrs.

We are seeing a lot of strep throat, upper respiratory infections, GI illness, and several confirmed flu cases. Reminder that handwashing –not hand sanitizer-is best way to clean hands and prevent spread of the virus. Please contact the school nurse if your child has a confirmed case of flu, norovirus, or strep throat, as we are trying to keep track of those numbers here at school.

FYI-many students request cough/cold medicine-nurses do not supply them but students may bring in OTC meds with note from parent to keep in nurse’s office to take as needed at school-students are not to carry around medications of any kind.

Parents are encouraged to call the nurse with any health issues their child may be having.

Diane Lello, RN (11th/12th gr)-240-6800 ext 26801
lellod@carlisleschools.org
Kim Spangler, RN (9th/10th gr)-240-6800 ext 27801
spanglerk@carlisleschools.org

SUBSTITUTE NEEDED!

Carlisle Area School District is seeking certified and emergency substitute teachers at the elementary, middle and high school levels as well as substitute para professional aides. Certified substitutes must hold a valid Pennsylvania teaching certificate. Emergency substitutes do not need to hold a Pennsylvania teaching certificate. Substitute aides do not require a degree past high school. This is a perfect opportunity for individuals seeking flexible employment in a supportive environment.

For further information, please visit the Source4Teachers website or follow the link below: https://www.source4teachers.com/

SOCIAL STUDIES DEPARTMENT NEWS

National History Day 2018:

On Saturday, February 3, 2018 the Carlisle Area School District hosted its annual “Local History Day” competition revolving around the theme “Conflict & Compromise in History.” Nearly 280 students competed from grades 6-12 with 105 different projects entered in five different categories – website, media, performance, exhibit and research paper. The caliber of historical research and presentation continues to grow each year. A list of winners is listed below with students in 1st, 2nd, and 3rd places advancing to the Regional History Day competition at Messiah College on Saturday, March 3, 2018. Best of luck to all our students!
JUNIOR INDIVIDUAL EXHIBIT
1st – Lola Gehman – John Armstrong: A Man of Piety, Virtue & Valor
2nd – Michael Raphael – The Whiteman Massacre: A Disastrous Misunderstanding
3rd – Ashley Ballanco – Battle of Fredericksburg
HM – Grace Parker – The Tip of the Spear

JUNIOR GROUP EXHIBIT
2nd Place – Ina Salki & Ella Barr – Bosnian Genocide
3rd Place – Carlin Diehl & Helen Candland – Love Not War: U.S. Citizen Protests in Vietnam War

JUNIOR INDIVIDUAL MEDIA
HM – Patrick Miller – The Person Who Made Potatoes Popular in France

JUNIOR RESEARCH PAPER
3rd – Hannah Alwine – Ching Shih: The Woman Pirate

SENIOR INDIVIDUAL EXHIBIT
1st – Olivia Renault – The Struggle Against Child Labor in PA Coal Mines
2nd – Abbey Bierly – Emma McGowan: The Story Behind the Building
2nd – Jenna Bramble – Below the Decks of the HMS Jersey
3rd – Elizabeth McCreary – Below the Decks of the HMS Jersey
HM – Nolan Chenot – The Saturday Night Massacre: Turning Point for Watergate
HM – Olivia Gorak-Lacquement – The Bronze Soldier: A Battle on Two Fronts

SENIOR GROUP EXHIBIT
1st – Ilyra Carlton, Meg Ulrich, Kelly Sullivan, & Sophia Getty
   The Brink of Nuclear War: Hotline Between U.S. and U.S.S.R.
2nd – Claire Neiberg, Abigail Davidson, & Ashley Ivanoff
   Friendship Forever: Three Women’s Fight Against Segregation
2nd – Emma Fisher & Darah Arraheem-Waters
   “Inhuman Outrages”: Ida B. Wells & Her Anti-Lynching Crusade
3rd – Bianca Motter & Brittany Kennedy
   Operation Hay Lift
HM – Blake Gilliam & William Settle
   Eddi “The Eagle” Edwards

SENIOR INDIVIDUAL WEBSITE
1st – Samantha Martin – Anonymous Source or No Source: Journalistic Conflict & Compromise
3rd – Ian Case – Carpe Diem: The Conflict Surrounding Daylight Savings
HM – Jayden Murray – The Impact of conflicts and compromise on Aviation in WWII
HM – Maya Neiberg – Rosalind Franklin, An Unnamed Scientist: Discovering the Structure of DNA

SENIOR GROUP WEBSITE
1st – Drew Eppley & Andy Hankes
   What a Successful Compromise at Dunkirk Meant for the Outcome of WWII

SENIOR INDIVIDUAL MEDIA:
1st – White and Black: White Musicians’ Robbery of Black Art
2nd – Benjamin Briggs – Stories from Tiananmen Square
SENIOR GROUP MEDIA
1st – Collin Willard, Maddy Starling, Josh Staley, Aidan Checkett, & Kyle Vaughn
   When “Going Home” Isn’t Home: The American Colonization Society
2nd – Skyler Hammaker, Annelise Deyoung, & Luke Bower
   Truman’s Influence and Impact on the Hiroshima Bomb
3rd – Brenden Ahl, Aaron Brewbaker, Nick Brewbaker, & Zach Davinroy
   Otto von Bismarck: Germany's Success Story

SENIOR HISTORICAL PAPER
1st – Grace Lippert – From Compromise to Conflict: How Failed Indian Treaties Shaped America
2nd – David Curry – Scotland: A True Underdog of History
3rd – John Peters – Conflict and Compromise Throughout the Philippine-American War
HM – Emily Evers – An Unlikely Compromise: The Limited Test Ban Treaty

SENIOR GROUP PERFORMANCE
1st – Reese Daugherty & Josetta Checkett
   Women in Combat: How Uprising Stood Against Oppression and Conflict
2nd – Autiana Easley, Rahcel Bell, Alex Sanfield, & Cameryn Som
   Katherine Johnson Battling Racism and Segregation
3rd – Jordan Ollestad, Sydney George, & Ambrosia Snow
   The Mason-Dixon Line
HM – Emma Stone & Micah Webb
   I Thought Dinosaurs Were Dead!

**Senior Voter Registration Drive:**
This year the Carlisle High School's social studies department has teamed up with Inspire U.S., a non-profit and political neutral organization, to attempt to register 85% of all eligible seniors to vote before the May 2018 primary. If CHS can reach this milestone, we will receive the Governor's Civic Engagement Award and be visited by the governor! On Monday, January 29th the seniors attended an assembly where they heard from Jon Marks, Commissioner from the Bureau of Commissions, Elections and Legislation at the Department of State, and Bethany Salzarulo, Director of Elections for Cumberland County, about the importance of voting in elections. Students were given the opportunity to register on the spot. **We now have 161 seniors registered to vote, 56% of the eligible senior class!!! We still need 83 more students to reach our goal.** If you know your son or daughter will turn 18 on or before May 15th, please encourage them to register to vote. They may get the application from Mr. Wagner in McGowan and return it to him directly.

**Model UN – NHSMUN:**
The Model United Nations team is off to a great start for the 2017-18 school year. The Model UN team is now in full preparation mode for the National High School Conference in NYC to be held March 6-10, 2018. Students received their country assignments for the conference back in early November. The Carlisle team will represent the countries of Japan (on 13 committees), and Turkey (on 10 committees). Carlisle has also been asked to send delegates to the Security Council (Kazakhstan), the Historical Security Council 1979 (Norway), the Crisis Committee (Minister of Foreign Affairs), the International Court of Justice (judge), the International Criminal Court (judge), and the International Labor Organization (Italian Confederation of Workers’ Trade Unions) – all of which are considered prestigious honors to receive due to the high volume of requests and voluminous amounts of knowledge and research required to argue on these committees. The students will continue to research each of their respective countries and write full Position Papers on difficult topics during the
next two months. We also look forward to working with many special guests and speakers from the U.S. Army War College over the next two months. Please join us in wishing them well at the National Conference!

**Carlisle Christmas Craft Show:**

Yes, the Model UN team is even thinking about Christmas already! Our 9th Annual Carlisle Christmas Craft Show (November 3, 2018) has released the application materials as of February 1st for vendors. Any person interested in participating as a vendor has until September 1, 2018 to apply for the show. Perspective vendors can get an application at the show’s website - [http://chs.carlisleschools.org/special_events/CHSCraftShow](http://chs.carlisleschools.org/special_events/CHSCraftShow) Every year the show sells out and has a waiting list for vendors, so apply early!

The Science Department has had busy fall and winter seasons! Between the STEM Summit, the Shoestring Science Competition, as well as the CASAC Science Fair, our students and staff have been surrounded by science! Please be sure to read over the various sections of the Science Department newsletter to acquire pertinent information, see pictures of students and staff, as well as learn about the various activities our CHS students have been involved in throughout the first semester. Thank you for taking the time to peruse this section! Our student scientists have been working exceptionally hard!

**STEM Summit**

Our first major event of the year was the STEM Summit. This incredible STEM event occurred on October 18th & October 19th. All 9th grade students had the opportunity to delve into the S.T.E.M (Science, Technology, Engineering, & Math) fields by partaking in the STEM Summit. This summit is designed to be a fun, engaging, and hands-on experience that offers students a multitude of ways to experience STEM fields. The freshmen had an entire day to participate in a variety of tasks, labs, and challenges that focused on STEM, collaboration and team work. The students and staff all enjoyed their day at this annual
experience. Please be sure to read about the various stations on the adjacent pages, as well as look at the pictures captured over the two-day event!

The following stations were visited by all students during their respective day:

1. Chemistry:
   a. Students were able to witness hydrophobic sand, 'elephant toothpaste', as well as making their own foam hands as they learned about polymers!

2. Math Competition
   a. Students and their team mates had to solved a variety of challenging math & logic questions. This was a timed team event!
3. Physics:

a. Students were able to witness centripetal force, blow up a 9-foot long balloon using one breath, as well as use an air cannon to knock off paper cups from their peers’ heads.
4. Civil Engineering:
   a. Students were given limited supplies to construct the tallest free-standing tower that could support a marshmallow
5. Career Panelists:
   a. Students were able to listen to a variety of career panelists from the industry to discuss their job, their career pathway, as well as interesting tidbits from their job. This is where students were the first to learn about the Peanut Butter Cheerios before they were even released to the public 😊

6. Electrical Engineering:
   a. Students had to work with their team to properly wire a ‘buzzer’ and a lightbulb. This was a timed event!
7. Relay Race:
   a. This relay race allowed students to combine a variety of skills! The students worked in teams to make a working LEGO paper crimper, construct an airplane that could go through a hoop, suit up in a Biohazard suit, aim an air cannon to blow a cup off of a team-mates head, and then walk across eggs without breaking any egg shells.
   b. This was a timed event!

8. Biology:
   a. Students had to play the role of a pathologist to determine the medical conditions their “patient” had. In order to diagnose their ‘patient’, the students carried out various analytical tests.
The STEM summit would not have been possible without the help of MANY teachers from across the content areas. Here were a few pictures of just SOME of the teachers that chaperoned, helped, and participated in the many STEM events. The staff member in the pictures are wearing the blue shirts.

Mrs. Norcross (Biology teacher)
Mr. Dutrey (Social Studies Teacher)
Mr. Campbell (Chemistry teacher)
Mrs. Kline (Physical Education teacher)
Mrs. Wadsworth (Math teacher)
Mrs. Rouvalis (Math teacher)
Mr. Barrick (Physics Teacher)
Mrs. Dubyk (Chemistry Teacher)
Shoestring Science Competition

On Saturday, October 21st, 2017, six Carlisle High School students participated in the 2nd annual Shoestring Science STEM Competition at Big Spring Middle School. The six students who represented CHS were the following: Rileigh O’Hagan, Grace Snyder, Matthew Hoss, McKaylan McCullough, and Jacob Bretthorst.

The six Carlisle students competed against multiple student teams from Big Spring, Shippensburg and West Perry high schools. The Shoestring Science Competition had a variety of challenges that students had to solve using collaboration, teamwork, and STEM (Science, Technology, Engineering & Math) skill sets! Teams participated in five ‘surprise’ challenges that adhered to strict time limits. Students and advisors were unaware of the challenges that the teams would be solving throughout the day; however, they turned out to be pretty "EGG-citing." The five challenges that were presented to students all dealt with eggs and included the following: the "red, white, and blue" density column, the egg obstacle course, the egg tower (tallest tower to support an egg using only a given number of newspaper sheets, tape pieces, and scissors), the egg ramp, as well as an overall team test on science and mathematical concepts. Teams who broke an egg during any of the tasks were disqualified from that particular event.

The fun and engaging event was enjoyed by all student competitors! The team ‘The Egg-sterminators,’ which consisted of Matt Hoss, McKaylan McCullough, and Jacob Bretthorst came in 4th place while the "Go the Egg-stra Mile" team, which consisted of Trin Winget, Grace Snyder, and Rileigh O’Hagan, placed 5th. These students did a great job representing the Carlisle Area School District at this "EGG"stra-ordinary event! Please check out the pictures below to see the teams in action!
Matt Hoss tries out his team’s egg ramp

Grace Snyder, Rileigh O’Hagan & Trin Winget work on the density column challenge

Grace Snyder, Rileigh O’Hagan & Trin Winget work on the egg tower portion of the competition.

Jacob Bretthorst, Matt Hoss & McKaylan McCullough work on their egg tower
Despite a few broken eggs, our teams had a great time competing at this event! The event will once again be hosted by Big Spring School District during fall 2018. If this sounds like an event your child would be interested in attending, please be sure they speak with their science teacher in the fall. Spots fill up quickly!
As always, Carlisle Area School District students had a phenomenal showing at the 61st annual Carlisle Area Science Advisory Committee (CASAC) science fair! CHS had double the amount of senior division projects that entered and were judged at this event! Listed below are all of the results for the senior divisions. We were fortunate to have two of our high school sophomores chosen as grand champion winners.

David Parker, was our 1st grand champion winner! David’s project, entitled “Breaking Point,” focused on the weight bearing capabilities of 3D-printer generated models and their respective in-fill percentages. Chloe Kot was the second grand champion winner. Chloe focused her research on “Transfection Solutions in Human Leukemia Cells.”
Please congratulate the grand champion winners and **ALL** of the students on their participation in this fair. Entering the fair, carrying out scientific research, and completing a display board take an enormous amount of hard work, time, effort and dedication! They certainly went above and beyond to participate in this STEM event and to represent the Carlisle Area School District! Please see all of the senior results listed on the accompanying pages. You can access all pertinent information regarding the CASAC fair by going to [www.casac.us](http://www.casac.us)

### CARLISLE HIGH SCHOOL TEAM PROJECTS

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<th>STUDENT1 FIRST NAME</th>
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Please continue on to the following pages for specific results for individual projects.
# CARLISLE HIGH SCHOOL INDIVIDUAL PROJECTS

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Team Project by Austin Orris & Adam Price

Acting Assistant Superintendent, Colleen Friend, viewing the science fair projects.
Seniors, we wish you luck in the future and hope you continue to explore the sciences or STEM related fields! For those students who are not graduating, we certainly hope to see you at the 2019 CASAC science fair, which will be hosted once again by South Middleton School District.

I would also like to thank the following teachers and staff members at the high school for sponsoring the science fair students, overseeing projects, and putting in an exorbitant amount of extra lab and school time to assist our student scientists with their research!

- Chantal Savage
- Daniel Campbell
- Emily Norcross
- Sam Moyer
- Leslie Tritt
- Kevin Spicer
- Robert Barrick
- Shani Schalles
- Robert Smetana
- Jimmy Wilkinson
- Kim Spangler

Now that the CASAC Science Fair is complete, many of our students will be entering the Pennsylvania Junior Academy of Science (PJAS) competition that will be held at Hershey High School on Saturday, February 24th. Student participants will be presenting a 10-minute presentation on their scientific research and findings, as well as answering questions from judges. Students who receive a first place award at this prestigious competition will go on to the States PJAS fair at Penn State University in May.

We certainly wish our student scientists luck as they prepare for this rigorous event! If you are a student participant, you should have already registered on the PJAS registration site. Please be sure to check out the Schoology Science Fair Group page for important updates!

All presentations for this event must be uploaded by February 20th at midnight! Presenters who have not uploaded by that timeframe will be disqualified by PJAS! Additional information and permission slips will be handed out by your science teachers within the next week.

If you, or someone you know, would be interested in judging this event, please email Samantha Moyer at moyers@carliseschools.org
In addition to our students competing at CASAC and PJAS, we also have students presenting their research at the 61st annual Capital Area Science & Engineering. This prestigious event will now be taking place at Harrisburg Area Community College in Blocker Hall. This competition entails displaying your project and research, as well as a round of questioning by judges. More information and permission slips will be handed out to student participants prior to the event; however, here are some important reminders regarding this event.

1. FAIR WEEK INFORMATION:
   a. MONDAY, MARCH 5th
      i. Registration & set-up will occur on this date.
      ii. Students will take a school owned bus down to HACC to set up their projects. Unfortunately, parents and/or teachers are NOT allowed to set up the science fair boards, per CASEF.
      iii. Permission slips will be handed out to students for set-up since school-owned transportation will be taken to the venue.

   b. TUESDAY, MARCH 6th
      i. Student interviews will occur from 12-1:30pm. (Students should wear comfortable DRESS shoes since they will be standing for the duration of the interviews. Sneakers are not appropriate for this event).
      ii. Students should have opted for a meal from HACC when they registered in STEMWizard. The cost is between $6-8. All students will be eating in the cafeteria and do not have an option of leaving the campus.
      iii. Students will be receiving permission slips for judging day since transportation will occur by school owned bus.
      iv. Grand champion call-backs will occur after 4:00pm.

   c. WEDNESDAY, MARCH 7th
      i. Students competing for grand champion will return to HACC and go through a second round of interviews from 9am-11am.
      ii. A chaperone will drive the students down in school owned transportation
      iii. The fair is open to the public from 8am-8pm

   d. THURSDAY, MARCH 8th
      i. This is the last day of the fair and it is open to the public from 8am – 7:30pm
      ii. The award ceremonies will occur in the Auditorium during the following times:
         1. Junior Division – begins at 5:30pm in the Auditorium
         2. Senior Division – begins at 7:30pm.
      iii. Projects will be recycled if not picked up by 10pm.

2. Due to the change in the venue, all participants MUST complete a HACC photo release form and bring it with them on the day of the set-up. The form can be found by either clicking on the following link, or by having your student access it on the Schoology Science Fair Group page.
3. CASEF is selling t-shirts for this event – please read the following information regarding ordering.
   These were a big hit last year with the student participants!
   b. If you order within the specific timeframe on the website, students may pick them up when they
      register and set-up their projects.
   c. Shirts are $10
   d. Please be aware that the shirts are not required for participation and should NOT be worn for
      your judging day since business attire is expected of all presenters.

Please mark these dates on your calendars if you are participating in this event! We wish all of our science
participants luck as they show off their scientific expertise! Again, students can access updates through the
Schoology Science Fair Group or by going to www.casef.org

NMSI:

Carlisle High School was selected as one of the national recipients of a grant arranged through the
National Math + Science Initiative (NMSI). This $700,000 grant was proudly hoisted by some of the
science teachers who are currently involved with the Advanced Placement programs covered by NMSI.

Pictured with the check, from left to right, are Mr. Jimmy Wilkinson (AP Biology teacher), Mr. Robert
Barrick (AP Physics teacher), and Mr. Dan Campbell (AP Chemistry teacher).
Science Staff Highlights!

The science department has been hard at work forming collaborative relationships with professors and personnel from Harrisburg University of Science & Technology. Some of the high school staff members visited Harrisburg University to learn about the facilities, meet with staff members, and begin brainstorming about effective ways in which to encourage students to become interested in STEM fields, particularly Nano-Biotechnology. This was a great day filled with exciting lab opportunities for staff members and is just the first step of a collaborative partnership between CHS science members and Harrisburg University!

The following staff members were involved with this collaborative event: Dan Campbell, Jimmy Wilkinson, Emily Norcross, Leslie Tritt, Bill Bechtel, Shani Schalles, Rob Urban, Bob Barrick, and Matt Erkel.
Please read the different summer camp courses that are being offered in conjunction with Harrisburg University and Carlisle Area School District.

**Drone Camp:** Exploring Geospatial Technology

This program involves hands on training on the flying, responsible use and many practical applications of the technology to agriculture. Students will learn how to plan missions, collect aerial images and create custom maps using Unmanned Aerial Systems (UAS), Global Positioning Systems (GPS) and Geospatial Information Systems (GIS) technologies. Particular attention is paid to how drones provide the ability to create highly accurate aerial photos and maps with GPS and GIS software.

Students will learn how these aerial photos and maps can be used for environmental monitoring, time sensitive event mapping and vegetation analysis.

**GSTC 101-03** | June 25-27, 2018, Monday & Tuesday, 8:00 AM - 4:00 PM | Wednesday, 8:00 AM -12:00 PM | Cost: $125 | 1 Credit

**Instructor** | Albert Sarvis
**Location** | Carlisle Area High School | 623 W Penn Street, Carlisle, PA

**LEGO® Robotics I:** Exploring Lego Robotics

In this camp, you will design, engineer, build and program a LEGO robot. You will work as part of a team. The LEGO robotics kit will provide us with the blueprints, sensors and parts that we need. You will design, engineer and wire the solar power plant. You will learn what is involved with solar powered systems.

**CISC 101-03** | July 9-12, 2018, 9:00 AM - 5:00 PM | Cost: $175 | 1 Credit

**Instructors** | Computer and Information Science Faculty
**Location** | Carlisle Area High School | 623 W Penn Street, Carlisle, PA

**Exploring Nanobiotechnology**

Ever wondered how a Gecko can walk upside down?

Ever wonder what magic keeps water off of the Lotus leaves? Do these mind-boggling facts interest you?

If you answered “Yes!” then Nanobiotechnology Explorations is here for you this summer!

This is an introductory course to nanobiotechnology, which is the use of existing elements of natural systems to develop new technologies. The concepts of how nano-structures are characterized are defined and a review is conducted of the applications of new technology. Includes active learning experiences.

**BTEC 102-02** | June 4-8, 2018, 9:00 AM – 12:00 PM | Cost: $125 | 1 Credit

**Instructor** | Dr. Pattarkine
**Location** | Harrisburg University | 326 Market Street, Harrisburg, PA
Thank you for reading about the Science Department and its exciting events!
ENGLISH DEPARTMENT NEWS

Scholastic Writing
CASD submitted 246 from grades 7-12 writing entries to the 2018 South Central Pennsylvania Scholastic Art and Writing contest. Students submitted pieces in the following categories: Science Fiction/Fantasy, Humor, Short Story, Poetry, Flash Fiction, Personal Essay/Memoir, Critical Essay, Dramatic Script, Journalism, and Writing Portfolio. 87 submissions received regional awards. Altogether, CASD students from grades 7-12 received 14 Gold Keys, 32 Silver Keys, and 41 Honorable Mentions. Anna Crawford was recognized as an "American Voices Nominee" for her Personal Essay/Memoir “Those Girls.” For more information on the American Voices Medal, click here. All Gold Key awardees’ entries are currently being considered for national recognition in New York City. National winners will be announced on Tuesday, March 13. Best of luck to them, and congratulations to all of our CASD students who submitted their work and whose work received recognition! For a complete list of winners, please visit https://www.carlisle.schools.org/academics/awards_and_recognition/scholastic_art___writing_awards/.

Poetry Out Loud Competition
Poetry Out Loud, a contest sponsored by the National Endowment for the Arts and the Poetry Foundation, encourages students to learn about great poetry through memorization and recitation. This program helps students master public speaking skills, build self-confidence, and learn about their literary heritage. Ten CHS students participated in this year’s local competition. Olivia Renault received the third place award for her recitation of “The Conqueror Worm.” Bri Murray received second place with a recitation of “I Know, I Remember, But How Can I Help You.” Brady Chilson, who recited "Monet Refuses the Operation," was the contest winner. He represented Carlisle in the regional competition in Harrisburg on Thursday, February 8, where he placed second.

Rev. Dr. Martin Luther King, Jr. Essay Contest
Every year the Martin Luther King, Jr. Commemoration Committee honors the life and legacy of Rev. Dr. King by sponsoring an essay contest for students in grades 1-12. This year the essay topics centered on the theme “Looking forward, we stand united.” High school students were asked to respond to the following prompt:
Consider this year’s theme “Looking forward, we stand united.” Write an essay that examines a specific issue that currently divides people (in a particular area or community, across the nation, or around the world) and, drawing on the life and work of Martin Luther King, Jr. for inspiration, propose a solution for how to overcome these divisions and “stand united.”

All contest winners were recognized with a monetary award at the Martin Luther King Community Commemoration Service on January 14. Laura Transue (9th grade), Caleb Reapsome (10th grade), and Aidan Checkett (12th grade) were the award winners at CHS. For a complete list of winners from grades 1-12 and to read the winning essay submissions, please visit https://www.carlisleschools.org/academics/awards_and_recognition/mlk_essay_contest/.

Rev. Dr. Martin Luther King, Jr. Scholarships
Five CHS seniors were awarded Rev. Dr. Martin Luther King, Jr. Scholarships: Matthew Echevarria, Erin Lynn Kennaly, Claire Whalen, Aidan Checkett, and Collin Willard. Two CHS alumni, Salvaila Richardson and Jazmin Wallace, also received scholarships. Students were selected on the basis of their academic work, essays explaining their aspirations for future service to create a more just society and their commitment to the ideals of the Reverend Dr. Martin Luther King, Jr., and recommendations. The Carlisle MLK Commemoration Committee is happy to support their college endeavors.

ORACLE

It’s not too late to reserve a copy of this year’s CHS 2018. If you missed our Jan 15th deadline to order a yearbook, you’re in luck—we have a few left!

Our theme this year is “Every Moment Counts.” In the book, we are not only acknowledging the major memories of the year, but all of the hard work and celebrations that go hand in hand as well. Buying a book gives them a chance to remember the classes, the dances, the friends, the memories for years and years to come (not to mention the chance to sign each other’s books at the end of the year!)

To order your copy today, go to www.balfour.com and select our state, city, and school. The price is currently $85+tax; if you have financial concerns, please email adviser Kate Muir at muirk@carlisleschools.org and we can work together to help your child get their 2018 yearbook.

New this year: we’re also offering a spring supplement! For just $2 more, students can add a 16-page adhesive-backed supplement to include the major spring moments, including sports, arts, and school wide activities, that are unable to be included in the yearbook itself due to publication timing.

Time is running out—orders are limited and the Smart Pay store will close March 1th (or sooner if the remaining books are purchased before this date.) Order your 2018 Oracle yearbook today!
SHAKESPEARE TROUPE AND SHAKESPEARE PAGE TO STAGE

All the School’s a Stage!

On Thursday, November 30, over one-hundred students participated in the Student-Directed Shakespeare Festival. These enterprising troupe members presented eleven scenes from some of Shakespeare’s greatest plays to a standing-room-only crowd in the Swartz Auditorium. Adding even more energy to the event was CHS’s very own Bottomless Pit Band, whose members provided music throughout the event. Whether acting, directing, creating props, organizing costumes, playing music, or running lights and sound, the students brought together their talent, creativity, enthusiasm, and dedication to present one of the most enjoyable festivals in troupe history to one of its most supportive and warm-hearted audiences!

National Shakespeare Competition

On Tuesday, January 23, twenty-two fearless members of the Shakespeare Troupe and Page to Stage class participated in the local round of the National Shakespeare Competition. These students presented sonnets and monologues at the CHS event, and the top finishers were Ava Wendelken (1st place), Brianna Murray (2nd place), and Ozlyn Smith (3rd place). Ava will continue on to the next round of competition in the Central Pennsylvania Branch on Saturday, February 17, which will be held at Saint Frances University.

Merry Wives of Windsor

Join the Shakespeare Troupe as members perform The Merry Wives of Windsor on April 19, 20, and 21 at 7:30 p.m. in the Swartz Auditorium! Rehearsals will soon be underway for this funny and fast-paced play.
MATH DEPARTMENT NEWS

Math Competition Team Hosts 3rd Annual Competition

The Carlisle Mathematics Competition Team, led by coach John Campbell, hosted the 3rd Annual Capital Area Interscholastic Math Competition at Dickinson College on Tuesday, October 17th. There were 24 schools in attendance with 104 students participating. Teams came from as far west as Penns Valley and as far north and east as Wilkes-Barre.

Students compete individually in two tests; one multiple-choice, the other short-answer. Students also compete in groups as they work together on a team portion of the competition which involves more challenging questions. From here, the top 10 individuals are recognized and then the top 3 teams compete in a Quiz Bowl style matchup. This year, the final three teams were Wyoming Seminary, Hempfield, and Emmaus. The Quiz Bowl was the most exciting we have had in our short 3-year history as it came down to the 35th and final question. The emergent winners were the team from Emmaus, beating out Hempfield 15-14.

The Math Competition Club members, comprised of Lillian Sweeney, Eli Plant, Brenden Ahl, Ryan Jin and Jamie Lyons, were instrumental in helping set up and organize the testing locations as well as setting up the break-time areas.

Carlisle alumnus Megan Lyons played an integral part of the day by helping with proctoring tests and registration. In addition, CHS students from Foods & Baking and Culinary classes as well as Giant Food Stores were instrumental in providing supplies for our break-time.

As part of registration, students that compete are asked to donate boxed and canned goods for Project SHARE. This past year we collected over 200 pounds of food for the holiday season!

Overall, this year’s competition was successful and we look forward to next year’s competition!

A final thank you goes out to the Carlisle faculty that helped with the competition: Ms. Kelly Brent, Mrs. Susan Greenbaum, Mr. Jeff McMahon, Mrs. Laurie Smith, and Mr. Matt Fahnestock, who all helped Mr. John Campbell in keeping the competition running smoothly.

In addition to hosting our third annual event, the CHS Math Competition Team recently traveled to King’s College to compete. Adam Jackson led the team, scoring in the top 12% of the participating students! Medhavari Singh and Eli Plant scored just under Adam, landing themselves in the top 20%. Brendan Avey and Emily Evers, newcomers to the team, also competed and did very well.
AP Computer Science: Newest Course Addition to Math Department
The math department added AP Computer Science to its list of course offerings for the 2017-2018 school year. AP Computer Science is open to students in grades ten through twelve. The recommended prerequisite math course is Pre-Calculus, but students who have completed Algebra II may also enroll in this course.

AP Computer Science focuses on the foundations of object oriented programming using Java. Students in this course will be part of the National Math and Science Initiative (NMSI) program, which means that part of the students’ AP exam registration fee will be paid for them, and they can earn $100 if they score a 3 or higher on the exam. Additionally, NMSI provides all students enrolled in the course with three Saturday Study Sessions in the spring semester in preparation for the AP exam in May, and NMSI provides teachers with materials for the course of increased rigor and challenge to foster strong problem-solving and analytical thinking skills. Mr. Jeff McMahon, who teaches AP Computer Science, hears his students say they really enjoy the challenge of learning how to program, adding that many of them can’t believe that 50 minutes have gone by when the bell rings and that it’s time for them to stop coding. Mr. McMahon currently teaches only a few students in this first year of the course, but he is looking forward to piquing student interest in computer science and coding and increasing the course enrollment in the coming years.
There is no need to have any background knowledge on programming before enrolling in this course. Any student who enjoys critical thinking and problem solving is welcome and encouraged to enroll!

CENTER FOR CAREERS & TECHNOLOGY

CTE Advocacy Day 2018
Students from several Career and Technology programs travelled to the State Capitol on February 6th to visit Senator Regan and Representative Bloom to advocate for continued support of career and technical education. Students were able to discuss their program areas, future plans, and how their courses at Carlisle High School have prepared them for life after graduation. Students representing CHS were Brad Minich (Carpentry), Rachel Gobin (Culinary), Adnan Alagic (Engineering), Amber Pariseau (Health Careers), Kevin Duffy (Business), Trinity Baker (Early Childhood Ed), Jaden Doupe (Automotive), and Dustin Harbold (Computer Networking).
**College and Career Exposition**

The College and Career Exposition was held on Tuesday, October 3 from 5:30 pm until 7:00 pm in the Gene Evans Gym. The College and Career Exposition is designed to provide parents and students with information on possible career pathways. Representatives from local business and industry, as well as local colleges, universities, and post-secondary vocational institutions, were in attendance.

**4th Annual STEM Summit**

Ninth grade students participated in the Junior Achievement STEM Summit on October 18-19. This event promotes STEM (Science, Technology, Engineering, and Math) related career opportunities for high school students. Connections between education and required job skills will be highlighted during the hands-on, interactive sessions. Students were engaged in fun activities to gain a better appreciation for science and engineering opportunities in our community.
**Bison Buck**

The CHS student-run Members 1st branch, “Bison Buck”, will be open for business every Monday and Friday from 10:45 am to 1:00 pm. Students and faculty are encouraged to take advantage of this convenience, located in the lobby of the Fowler Building. This is the eighth year that the Center for Careers and Technology has partnered with Members 1st Federal Credit Union. Students may access the branch with a pass from the office, lunch proctor, or study hall teacher.
Bison Corner

Bison Corner is also open for business. Students may purchase spirit wear, as well as many essential school items such as pens, pencils, and flash drives. Bison Corner is open during all lunch periods, Monday – Friday. Students can access the school store during their lunch, or with a pass from their study hall teacher.

PA Free Enterprise Week

Several rising juniors and seniors participated in the Pennsylvania Free Enterprise Week this past summer. Week-long sessions were held at Lycoming College and Pennsylvania College of Technology. Students participated in a simulated management team tasked with turning a failing company into a financial success. Students learned marketing strategies, created websites, and learned how to work in a team environment. Rising juniors and seniors will have the opportunity to sign-up for these summer sessions again this school year. Students in Civics and Business classes will attend a presentation on March 9th to learn more about this valuable experience available to them.

REAL Life: A Financial Literacy Forum

Eleventh grade students will participate in the Junior Achievement Real Life: A Financial Literacy Forum on February 27-28. This is a day-long program consisting of hands-on, interactive activities intended to help students gain an appreciation for the importance of financial decisions and how those decisions impact their lives as young adults. This is a valuable learning experience for every junior and we hope that all students are present on their assigned day.

Carlisle DECA Excels at Districts

On Friday December 15th, the Carlisle DECA club traveled to Wilson College to compete at the District 6 DECA competition. Competing at the competition were over 290 students from 8 different schools from across the region. Carlisle had the opportunity to send 44 students to Wilson College and listed below are the 21 students that walked away with awards. Those 21 students automatically move onto the State DECA Competition which will be held February 21st – 23rd at the Hershey Lodge in Hershey Pennsylvania.

<table>
<thead>
<tr>
<th>Principles of Business Management:</th>
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<tr>
<th>Business Services Marketing</th>
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</table>
**Hotel and Lodging Management Series**

1st  Joe Mastrangelo  

**Human Resources Management Series**

3rd  Logan Neumann  

**Marketing Communication**

2nd  Timothy Mattaboni  
3rd  Bryce Walker  

**Restaurant & Food Service Management**

3rd  Zach Hoover  

**Business Law and Ethics Team**

2nd  Jeff Estes  
2nd  Gary Blacksmith  

**Financial Analysis Team**

2nd  Nick Brewbaker  
2nd  Aaron Brewbaker  

**Hospitality Team**

2nd  Nathan Thomas  
2nd  Hunter Swartz  

**Marketing Communications Team**

2nd  David Sapio  
2nd  Donavan Wallace  

**Travel and Tourism Team**

1st  Kyle Price  
1st  William Warren  

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**Health Related Occupations Programs**

The fall **Certified Nursing Assistant** program graduated students from Carlisle, Big Spring and Boiling Springs, and West Perry High Schools. Through a partnership with Carlisle Regional Medical Center and HACC, four Carlisle students participated in an exploratory rotation at CRMC to gain insight about their medical science interests. Then, they completed a 120-hour course in preparation for the state’s CNA exam. Congratulations to Megan Coy, Melissa Meyer, Raven Meyer, and Shaylee Miller.
In addition, we are currently running an **Emergency Medical Technician** class. This program is a partnership with Carlisle Fire & Rescue, Cumberland Goodwill EMS, and HACC, and includes the knowledge and skills required to provide basic pre-hospital care for sick and injured patients. The 32-week program prepares students for a career in emergency response or management and emergency medical services and may lead to state and national certifications upon completion. Audrey Alligood, Kendall Brenizer, Elijah Newhouse, and Chelsea Sledzinski are enrolled in this class.

We also had one student participate in the **Holy Spirit Program** this fall. Amber Pariseau had the opportunity to complete a medical science career exploratory program in a hospital setting. This intensive nine-week program affords students an in-depth look at health careers through job shadowing assignments in the different departments of Holy Spirit Hospital.
All of these programs are run in conjunction with the Partnership for Career Development and with Carlisle, Big Spring, Boiling Springs, Cumberland Valley, Northern, Susquenita, and West Perry High Schools. Some students have benefited by receiving scholarships through the Partnership for Better Health.

The Center for Careers & Technology is accepting applications for next school year. Rising seniors may contact Ms. Michele Barrett at 240-6800 ext. 13814 or Mrs. Tracy Stritch at 240-6800 ext. 13208 for information about any of our programs.

**CTE Students Compete at SkillsUSA Competitions**

SkillsUSA is an organization for students in technical, skilled and service careers, including Health Care. In January, the following students participated in District SkillsUSA competitions at York Technical School, Milton Hershey School and Dauphin County Technical School, in the following categories:

<table>
<thead>
<tr>
<th>Student</th>
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<th>Placement</th>
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<tr>
<td>Joham Castro</td>
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<td>Cooper Snyder</td>
<td>Carpentry</td>
<td>3rd</td>
</tr>
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<td>Chelsea Slezinski</td>
<td>First Aid/CPR</td>
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<tr>
<td>Cameron Carey</td>
<td>Information Services Tech</td>
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<td>Josh Dellinger</td>
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<td>Rachel Gobin</td>
<td>Commercial Baking</td>
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<tr>
<td>Amber Pariseau</td>
<td>Medical Terminology</td>
<td>3rd</td>
</tr>
<tr>
<td>Matt Powell</td>
<td>Internetworking</td>
<td>2nd</td>
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**The culinary arts students enjoy a visit from the PA Beef Council**

On Tuesday 1/23/18 the culinary arts students had the opportunity to learn how to breakdown a whole round of beef from a steer. Nichole Hockenberry from the PA Beef Council, and their Director of Marketing & Communications conducted a mini workshop in the Courtyard Café. All students then moved to the kitchen and the class was led by Rick Fetrow. He is employed by IBP/Tyson which is the largest beef, pork, and chicken processing
company in the United States. Rick taught the students how to breakdown the entire round of beef. He explained all of the smaller cuts from the round as well as how to best prepare each portion of beef.

The students went through an extensive four module program related to beef last December in order to be eligible for this demonstration. Each module was thirty minutes in length and all students were given a written assessment after each module. The students enjoyed the demonstration and finished cutting the beef into smaller portions for later use in their program.

**Carpentry News**

Recently the carpentry students designed, estimated, and constructed six storage buildings for the Carlisle Area School District. All of the buildings were eight feet wide by ten feet long. These storage buildings will be used by the school district for the safe storage of lawn mowers and snow blowers. The total material cost of the six buildings was $10,800.00. This project provided valuable storage space for the school district and allowed the carpentry students the opportunity to showcase their skills in a real world application. Currently the carpentry students are constructing two buildings for the Carlisle Early Education Center. These buildings will be utilized by the preschool students during outside recess and playtime.

**ART & DESIGN DEPARTMENT NEWS**

**Empty Bowls**

Carlisle High School’s National Art Honor Society (NAHS) is sponsoring their sixth annual Empty Bowls Event on Friday, May 4th. Empty Bowls is an international effort to raise awareness in the fight to end hunger. Empty Bowls has raised millions of dollars for organizations fighting hunger and events take place in many states across the US and many other countries. Carlisle Arts Learning Center holds a long established event like this that many in the community contribute to in a variety of ways. The NAHS did not want to diminish or repeat what is already being done for a good cause. In an effort to distinguish our event, attending guests will be served ice cream from a handmade bowl and encouraged to make a donation to the cause. As in other Empty Bowls events, guests will get to keep the bowl as a reminder of the cause. All donations from tickets will go to the Project Share Food Bank.
Presently we are in the bowl designing and making stages of the project. We welcome any community participants interested in helping or donating bowls to our event. Our first work party will be on Saturday, March 3rd (bowl making) and the second event will be held on Saturday, March 24th (bowl glazing). Both workshops will take place from 8:00 am to 12:00 pm. We are also looking for sponsors for the actual event. If you would be interested in donating ice cream, ice cream toppings, or paper products, please call: 240-6800 extension 26006. Leave a message for Ashley Gogoj and the NAHS advisor will get back to you.

The ticketed ice cream event will be held on Friday, May 4th from 5:00-7:00 PM. This year’s event will be held at the First Presbyterian church on the square (where the farmers market is held) and will take place at the same time as the First Friday celebration is town. The cost of tickets is $10 and can be purchased from any member of the NAHS or by calling this number: 240-6800 extension 26006. Tickets will also be available to purchase at Project Share. You can also contact Rachel Drumheller (NAHS advisor) Ashley Gogoj, or Fran Tolan to purchase tickets through CHS.

Scholastics Art & Writing Regional Awards

More than 150 middle and high school entries were submitted for the 2018 Scholastic Art & Writing contest. Entries included sculpture & ceramics, comic art, painting, photography, and drawing. Regionally, both Middle and High School students did very well. A number of gold and silver key artworks are on display at The Pennsylvania State Museum throughout March and the beginning of April. Students who have received gold keys in the regional contest will go onto compete nationally. The Carlisle Area School District Art Department will look forward to announcing the results of the National Scholastics Art & Writing Awards in mid-march.

Carlisle High School

<table>
<thead>
<tr>
<th>First Name</th>
<th>Grade</th>
<th>Teacher</th>
<th>Award</th>
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</table>
Allison Neslund – Primary Chaos– Gold Key, American Visions Nominee

WORLD LANGUAGE DEPARTMENT

October: Global Citizenship

In October, students from the French and Spanish Honor Societies organized the collection of donations to benefit the victims of Puerto Rico and the Caribbean through the Global Giving Relief Fund. With contributions from both high school and middle school students, the French and Spanish Honor Societies were able to donate $588 on behalf of the students of the Carlisle Area School District.

November: Language Competitions

In November, German, Spanish and Chinese world language students from CHS competed against students from several other area schools in the annual language competition at Shippensburg University. Students competed in a trivia competition where all of the questions and answers were in the target language, in a poetry recitation competition where they recited a poem in the target language, and a karaoke competition where they performed a song in the target language.
French students from Levels 3, 4 and AP attended the Fifth Annual Journée de la Francophonie: An Interactive Day for Francophone Activities and French Conversation at Susquehanna University. Upper level French college students planned a series of workshops to engage our students as participants, and to have them function in French as much as possible. There were dancing, games and even a poetry slam contest. A good time was had by all!

December: Christkindlmarkt in Mifflinburg, PA

In December, Frau Schock and Herr Strohl took a group of German and International Culture & Travel students on the annual field trip to the Christkindlmarkt (Christmas Market) in Mifflinburg, PA. Students were able to walk around the outside market and get a real feel for German Christmas Markets. There were food vendors selling traditional German foods, including Schnitzel on a Stick and authentic Apfelstrudel. Students could even talk to Sankt Nikolaus in German as he strolled through the market.

Welcome 欢迎 Bienvenue Willkommen Bienvenido 2018: Second Annual World Languages Banquet

On March 12th the World Language Department will host the second annual World Languages Banquet to celebrate the cultures and foods of our language classes and our students. This celebration will be the kick-off to National Foreign Language Week activities taking place later that week. Over 250 students and their families in addition to district administrators and school board members attended last year’s banquet. The Sentinel and Cumberlink highlighted last year’s event and we are looking forward to another wonderful experience this year.

Senior at Carlisle High School Wins National Scholarship

For her excellent Spanish skills and dedication to the study of that language, senior AP Spanish student Sarah Tresselt has won the 2018 Joseph Adams Senior Scholarship from the Sociedad Honoraria Hispanica (SHH), an honor society for high school students studying Spanish. This national award is a prestigious honor for Sarah and Carlisle High School; the $1,000 scholarship is awarded to only 48 students from over 2,400 SHH chapters across the United States. Students become eligible by being an inducted member of the SHH and then submitting samples of their written and oral work in Spanish to a selection committee appointed by the American Association of Teachers of Spanish and Portuguese.
MUSIC DEPARTMENT

We are proud to recognize Ben Adelberg, Andrew Hankes, Xenia Makosky, Luke Sheffe, and Lillian Sweeney on successfully auditioning into the Pennsylvania Music Educators’ District 7 Band festival that was held at Central Dauphin HS at the beginning of January. These students performed an excellent concert at Central Dauphin HS after just 2 days of rehearsal with the rest of the band. Special congratulations are in order for Xenia Makosky for qualifying into Regional band on Flute - and to Luke Sheffe for placing FIRST in the percussion section at districts and also qualifying for Regional band - to be held at Middletown HS on February 22-24.

We are looking forward to our next music department concert on March 20th at 7PM in Barr Auditorium. All are welcome to join us to hear the work our students have been doing. We look forward to seeing you there!

Finally, we are happy to welcome a student teacher to our band program - Isaac Hawkins from Gettysburg College. Mr. Hawkins is a clarinet player who has also performed on baritone in marching band and served as drum major for his high school band program. He is also student teaching at Mount Holly Springs and North Dickinson Elementary schools through May 4th - so his schedule is rather full - working with students of the CASD and developing his craft as a professional educator.

CHOIR

The band, choir and orchestra students are gearing up for the winter concert to be held on March 20th in the McGowan Barr Auditorium. The concert begins at 7 PM.

This is also festival season for our choir students. The following students participated in Cumberland County Chorus (hosted by Camp Hill High School, November 20 & 21): Emily Sedlak, Sarah Swahlon, Grace Wellmon, Sarah Smith, Beth Petrunak, Ozlyln Smith, Dan Spivak, Nick Otto, Christian Slyder, and Matthew Praestgaard.

We were also happy to have three students successfully audition for and participate in PMEA District 7 Chorus held at Susquehannock High School January 25-27: Sarah Smith, Beth Petrunak and Caleigh Michnowicz. From there, two students auditioned to move on to PMEA Region V Chorus, to be held at Annville-Cleona High School from March 1-3: Beth Petrunak & Sarah Smith. Congratulations to all!

Information about music electives for HS course scheduling is available online at: carlieschools.org/music. Even with the course selection forms turned in, if there remains a question about music electives, please let us know and we will be glad to help!

ORCHESTRA

The Carlisle High School Orchestra students performed a holiday concert in December during school for the enjoyment of the faculty, staff, and their peers. The students worked extremely hard preparing the music, and had a lot of fun during the performance!

Congratulations to Lillian Sweeney for her successful audition to the District 7 and Central Region Orchestra Festivals! The District 7 concert was held at Cedar Cliff High School on February 10th and the Region Orchestra concert will take place in March at Messiah College. We are very proud of her success!
Eleven of our students were selected to participate in the Cumberland and Adams County Orchestra Festival, held on November 16th-18th here at Carlisle High School! The students were Audrey Alligood, Allison Closs, James Babbitt, Kaitlynn den Hoed, Danielle Fevola, Alexandra House, Amy Junga, Katie Junga, Keegan Krueger, Jacob Lampley, and Lillian Sweeney. We are very proud of all of these students and their hard work!

Our next performance will be with the bands and choirs in Barr Auditorium on Tuesday, March 20th at 7pm. Our final concert of the year will be on Thursday, May 10th in the Swartz Auditorium. We hope to see you there!

SCHOOL MUSICAL

**Big Fish**

Book by JOHN AUGUST  
Music and Lyrics by ANDREW LIPPA  
Based on the novel by Daniel Wallace and the Columbia Motion Picture written by John August

Edward Bloom has lived a full and fantastical life, populated by witches, giants, and mermaids, marked by true love that stops time in its tracks, and framed by heroics that push the limits of believability. His adult son, Will, is no longer amused by his father's fantastical tales, insisting on a rational rather than a fantastical account of one's life. When Edward's health declines, and Will learns that he and his wife, Josephine, will have a son of their own, Will decides to find out his father's "true" life story, once and for all. *Big Fish* is a heartfelt, powerful, and truly magical musical about fathers, sons, and the stories that we use to define our identities. With spine-tingingly beautiful music and lyrics by Andrew Lippa, and a funny, heartwarming book by John August, *Big Fish* is a magnificent "big fish" of a tale, itself -- spectacular, fantastical, and overflowing with love.

**Performance Dates and Times:**

2/22/18 – 7:30 PM  
Adults $8, Students $6  
General Admission

2/23 & 2/24 -7:30 PM  
Adults $12, Students $10  
Reserved Seating

Tickets are now on sale for this year's high school musical. The box office is open weekdays from 3:00-5:30 PM. The box office is located in the Carlisle High School McGowan Auditorium lobby. Tickets will also be available at the door on show nights. **Cash, check, and credit card are all accepted at the box office.**

**This year is the launch of online ticket sales!** Visit [https://chsmusical.ludus.com](https://chsmusical.ludus.com) to purchase your tickets with credit card for a small extra fee. **We are again offering any CASD faculty or staff member their ticket at the student price.** Any CASD faculty or staff member who wishes to buy their ticket online should count themselves as a student to receive their ticket at a discount. The adult price applies to any other adults attending with the staff member.
THURSDAY night, February 22, is general admission. Student tickets are $6 and adult tickets are $8. The show begins at 7:30 PM.

FRIDAY and SATURDAY nights, February 23 & 24, are reserved seating. Student tickets are $10 and adult tickets are $12. The show begins at 7:30 PM both nights.

More info can be found here: https://www.carlisleschools.org/arts__music/CHS_musical

CHS Mini-THON

Carlisle High School will host its 5th Annual Mini-THON on March 23-24 from 7 PM – 7 AM. Students on committee have raised over $7500 so far For The Kids!!! All proceeds benefit Four Diamonds, which pays for treatment for pediatric cancer patients at Penn State Hershey Children's Hospital, and also goes toward research to find a cure for pediatric cancer. If you are able, please consider donating to our cause:


More information is available at our website:

http://chs.carlisleschools.org/students/sports__clubs__and_activities/mini-THON

Advisor Contact: Dan Schade  schaded@carlisleschools.org

COUNSELING CENTER NEWS

There are two counseling centers at Carlisle High School in order to allow counselors to be accessible and best serve student needs. The Swartz Counseling Center secretary is Mrs. Betsy Richwine and she can be reached at 240-6800 ext. 27820. The McGowan Counseling Center secretaries are Mrs. Linda Fitzpatrick (240-6800 ext. 26815) and Mrs. Laurie Echevarria (240-6800 ext. 26805). Your student’s counselor is assigned based on grade level and last name. Please refer to the chart below for your student’s counselor’s contact information.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Last Names</th>
<th>Counselor Name</th>
<th>Counselor Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 - 10</td>
<td>A - GL</td>
<td>Barry Adams</td>
<td><a href="mailto:adamsa@carlisleschools.org">adamsa@carlisleschools.org</a> 240-6800 ext. 27826</td>
</tr>
<tr>
<td>9 - 10</td>
<td>GN - N</td>
<td>Ginger Rotz</td>
<td><a href="mailto:rotzg@carlisleschools.org">rotzg@carlisleschools.org</a> 240-6800 ext. 27127</td>
</tr>
<tr>
<td>9 - 10</td>
<td>O - Z</td>
<td>Andrew Rice</td>
<td><a href="mailto:ricea2@carlisleschools.org">ricea2@carlisleschools.org</a> 240-6800 ext. 27806</td>
</tr>
<tr>
<td>11-12</td>
<td>A - G</td>
<td>Emily McDonald</td>
<td><a href="mailto:mcdonald@carlisleschools.org">mcdonald@carlisleschools.org</a> 240-6800 ext. 26816</td>
</tr>
<tr>
<td>11-12</td>
<td>H - Q</td>
<td>Amy Knapp</td>
<td><a href="mailto:knappa@carlisleschools.org">knappa@carlisleschools.org</a> 240-6800 ext. 26825</td>
</tr>
<tr>
<td>11-12</td>
<td>R - Z</td>
<td>Johanna Jones</td>
<td><a href="mailto:jonesj@carlisleschools.org">jonesj@carlisleschools.org</a> 240-6800 ext. 26806</td>
</tr>
</tbody>
</table>
COURSE SELECTION - By this time, your student has submitted his/her course requests online for the 2018-2019 school year. Counselors are reviewing those requests for accuracy and will contact you or your student if there are any errors or concerns.

COLLEGE-ENTRANCE TESTING - Sophomores and Juniors should be planning ahead regarding when they will take various college entrance exams. Upcoming test dates include: The SATs on May 5 and June 2 here at CHS and the ACTs on April 4 and June 9 at Cumberland Valley High School. Visit the www.sat.org and www.act.org for more information. Free test preparation resources are available through the high school library’s homepage on our district website http://www.galepages.com/carl147364.

SENIORS - Seniors should continue to utilize the high school counseling website to review local scholarship opportunities. New scholarships are being added weekly. The website is: https://www.carlisleschools.org/student_services/counseling/high_school_counseling_services/financial_aid_and_scholarships
We have had fewer seniors completing scholarship applications this year than in the past so encourage your student to make the effort and complete applications.

ADVANCED PLACEMENT TESTING: AP Testing will occur during the weeks of May 7 and May 14. We encourage students to take these end-of-year exams because more than 90 percent of colleges and universities will grant credit to students who earn an appropriate score on the AP exam, thus saving students tuition and/or allowing them to enroll in more advanced classes. Students enrolled in AP courses should have received the 2017-2018 Bulletin for AP Students and Parents containing information about the exams and the specific exam dates in one of their AP classes. If a student is in need of this information, please see Ms. Jones in the McGowan Counseling Center. Students should carefully check their exam dates before registering to avoid conflicts with other activities. Test registration began February 12 and will conclude March 9 at 3:00 p.m. in the McGowan Counseling Center. NO REGISTRATIONS WILL BE TAKEN AFTER THIS DATE. To register, students must bring a check or money order made payable to “CASD.” Students who are taking multiple exams may pay with one check. Students who think they may be eligible for a fee reduction should see Ms. Jones at the time of registration. The National Math Science Initiative is subsidizing some of the exams this year for our students, providing a reduction in some fees. The cost to the student will vary according to the exam:
$ 47 : Chemistry, English Literature & Composition, Biology, Physics C-Mechanics, Calculus AB, Calculus BC, Computer Science A, English Language & Composition, Statistics
$ 142 : Seminar, Research

THE COFFEEHOUSE

The second CHS Coffeehouse of the year—The Refill—was held in the Swartz Auditorium on Friday, January 12. Talented student musicians, singers, songwriters, and poets were joined by a wonderful audience to create a terrific first event for the new calendar year.

In honor of the tenth anniversary of The Coffeehouse Program, a special grant opportunity was announced at The Refill. Student performers were invited to apply for The Coffeehouse Horizons Grant for an award of up to $500 in order to pursue music-related goals. Congratulations to the following students who submitted this year’s winning applications: Senior, Will Solomon; Junior, Bri Murray. A third grant, in honor of Barbara Miller Hardy, was awarded to Claire Whalen. We are excited to watch as these students explore and extend their artistic horizons.
Plan to join us for the final CHS Coffeehouse of the year—The Last Drop—on Friday, May 4. That event will conclude with our traditional Senior Jam—a last opportunity for our seniors to play together before venturing off to “the territory ahead” after graduation.

**DRIVER’S EDUCATION**

Driver Education or Behind-the-Wheel is an optional program offered at CHS. This program consists of six hours of behind-the-wheel instruction. During this six-hour course, students will learn various essential skills required to operate a vehicle safely. In addition, most insurance companies offer a discount on car insurance to students completing this program.

Students must be sixteen and have a valid permit in order to sign-up. Interested sophomores may sign up in S130, and juniors/seniors may sign up in the McGowan office. Students may sign up to drive during study hall or before/after school. **The cost to drive for six hours during study hall is only $100.00.** The cost to drive before/after school is $350.00. If you have any questions please contact Justin Kretzing at kretzinj@carlisleschool.org or 717-386-6051.

In addition, students may complete behind the wheel over the summer. **Summer driving applications will be available in S130 or the McGowan office in late March or early April. The cost is $350.**

**JUNIOR CLASS COUNCIL**

Please consider supporting the junior class of 2018 by purchasing a Thundering Herd E-Z Discount Card. The discount cards provide cardholders with discounts an unlimited number of times for 1 year at 18 local businesses. Featured businesses include Applebee’s, Duck Donuts, and Sky Zone. The discount card fundraiser runs now through the end of February. If interested in purchasing a discount card, please contact Ms. Stephanie Weimer or Ms. Karen Dumas, Junior Class Council Advisors, at weimers@carlisleschools.org or dumask@carlisleschools.org.

**BRITTON SCHOLARSHIP APPLICATIONS AVAILABLE**

Thanks to the generosity of Dickinson College and the Britton Scholarship program, three Carlisle High School juniors will be awarded the opportunity to attend two Dickinson classes tuition-free during their senior year. The purpose of this program is to provide academically talented, mature, college-ready students with opportunities to take college courses. Students who are otherwise eligible for tuition remission at Dickinson College (those with parents employed by the college) are not eligible for Britton Scholarships.

The selection of the Britton Scholars will be based upon a thorough review of the student’s academic record including class rank, PSAT or SAT scores, extracurricular involvement, and rigor of courses completed. In addition, the written responses on the application should speak to the student’s academic motivation, ability to benefit from college coursework, maturity, and ability to contribute to Dickinson’s learning environment.

To apply for a Britton Scholarship, students must complete an application (available on Mr. Fahnestock’s webpage), submit a letter of recommendation from one of your teachers attesting to your ability to handle college level coursework, and arrange for an unofficial transcript of your high school work to be made available to the selection committee. The application requires the signature of the applicant, his or her parent/guardian, and a principal. The principal’s signature attests that there are no significant disciplinary issues in the student’s record.
WINGIN’ IT! PERFORMS LOCALLY

After performing for the countywide kickoff of the United Way’s capital campaign, Wingin’ It! (CHS’s improv comedy troupe) was contracted to perform for both First Night Carlisle and Allen Distribution’s holiday party in January. The following student performers were selected through competitive auditions: Ava Wendelken, Dom DeLorenzo, Evan Bechtel, John Key, Will Keating, Kyle Vaughn, Matthew Keating, JC Collins-Bloomquist, Trinity Johnson, and Josetta Checkett. Becca Winton is the troupe manager.

ACADEMIC TEAMS CONTINUE TO SUCCEED!

Congratulations to the CHS Academic Decathlon team for winning the central Pennsylvania regional competition for the third year in a row, posting the highest score in team history. The following students earned an invitation to the state finals to be held at Clarion University in March: Lilly Sweeney, Evan Bechtel, Julia Barone, Aidan Checkett, Brady Chilson, Kyle Vaughn, Anthony Simpson, and Condor Hall. The theme to this year’s curriculum has been Africa, and students have competed in social science, literature, math, science, economics, art history, music, speech, interview, and essay.

Congratulations to the CHS Quiz Bowl team for its third place finish in the Capital Area Quiz Bowl league, where they outscored fourteen area high schools over the course of weeks of buzzing in to answer trivia questions. The CHS A team included Aidan Checkett, Evan Bechtel, Kyle Vaughn, Brady Chilson, Lilly Sweeney, and Ian Case.
MARCH MADNESS RETURNS

For the second year in a row, eight extra-curricular programs will compete in a series of fundraisers at Chipotle on the following dates. To support a given group, attend the event between 4:00 and 8:00 and tell the cashier that you are there for the fundraiser, then place your receipt in the bag for the group you want to support. 50% of all proceeds will benefit these groups (allocated proportionally according to the total value of their receipts). The winning groups will advance to follow-up fundraisers in semifinal rounds in mid-April.

Friday, March 16: Shakespeare Troupe vs. TBA
Tuesday, March 20: Student Council vs. Freshman Class Council
Tuesday, March 27: Wingin’ It! vs. Junior Class Council
Tuesday, April 10: Senior Class Council vs. Sophomore Class Council

SPRING SPORTS PHYSICAL EXAM DATES

**Tuesday, February 6, 2018**
Gene Evans Gym

4:30 – 5:00 PM
- Girls Softball – Grades 9-12
- Girls Lacrosse – Grades 9-12

5:00 – 5:30 PM
- Girls Track & Field – Grades 9-12

5:30 PM until finished
- Boys Makeup (by appointment)

**Tuesday, February 20, 2018**
Gene Evans Gym

3:30 – 4:00 PM
- Boys Baseball – Grades 9-12
- Boys Tennis – Grades 9-12

4:00 – 4:30 PM
- Boys Volleyball - Grades 9-12

4:30 – 5:00 PM
- Boys Track & Field – Grades 9-12

5:00 – 5:30 PM
- Boys Lacrosse - Grades 9-12

5:30 PM until finished
- Girls Makeup (by appointment)
**Carlisle Area School District Equity Statement**

The Carlisle Area School District is an equal opportunity education institution and will not discriminate on the basis of race, color, age, creed, religion, gender, gender-identity, sexual orientation, ancestry, national origin, marital status, pregnancy, disability or any other status protected by law in its activities, programs, or employment practices as required by Title VI, Title IX and Section 504.

No person shall on the grounds of race, color, age, creed, religion, gender, gender-identity, sexual orientation, ancestry, national origin, marital status, pregnancy, disability or any other status protected by law be excluded from participation in or be subjected to discrimination in any program or activity funded in whole or in part by federal funds. Discrimination on the basis of sex or religion is also prohibited in some federal programs.

For information regarding civil rights or grievances procedures, services, activities and facilities that are accessible to and usable by handicapped persons, contact:

Ms. Christina Spielbauer  
Title IX Coordinator  
Section 504 Coordinator  
540 West North Street  
Carlisle, PA 17013  
717-240-6800