

tech talk

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7922 Opossumtown Pike
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<http://education.fcps.org/ctc>



**Frederick County
Career & Tech Center**



@FrederickCTC

MAY 2015

Issue 6

Principal:

Michael Concepcion

michael.concepcion@fcps.org

AP:

Jack Newkirk, II

jack.newkirk@fcps.org

Message from the Principal

Hello CTC Parents, Students and Staff:

As we come to the end of another school year, we first and foremost recognize the achievements of our seniors.

I hope that CTC has played a pivotal role in preparing each senior for life's next chapter. Many of you were actively involved in SkillsUSA, FFA or our Student Ambassador program. Those activities provided you with experiences and interactions with students from other high schools and other programs to help you grow on many levels. For over 35 years, CTC has helped students jump start their future by providing intensive, career specific education in programs tailored for both college-bound and industry oriented students. I'm confident that your CTC experience has allowed you to develop both your technical skills and your role as a professional.

Finally, on behalf of the faculty and staff, I congratulate the members of the Class of 2015 who will graduate in a few days. They have worked diligently during their high school years; we're proud of their accomplishments and look forward to their bright futures. We hope they will always consider CTC to be their home and, of course, wish them all a lifetime of health and happiness. We also look forward to maintaining contact with our graduates for years to come.

We look forward to welcoming everyone else back in August. Have a restful summer.

Sincerely,

Michael Concepcion

Our Mission—The Career and Technology Center provides intensive career-specific training to both college-bound and employment-oriented students. In addition to career training, emphasis is also placed on the development of broad, transferable “professional skills” that are essential for successful employment. We believe that Career and Technical education must provide students not only with technical knowledge but also essential academic and personal competencies that will allow them to become lifelong learners so that they can adapt to the changing requirements of the work-place and new technologies that are part of any career.



SHIP provides a way to connect those who want to give with those who have a need.



CTC and SHIP!

CTC and SHIP! A new partnership has been formed between the Student Homelessness Initiative Partnership (SHIP) and the Frederick Co. Career & Technology Center. There are almost 700 homeless students in FCPS. They are in every school and every community. SHIP provides a way to connect those who want to give with those who have a need. Via social media and other networking, SHIP is able to provide clothing, food, funding, emergency shelter and more for families in immediate need. CTC will now be joining in their efforts by providing meals and healthy snacks, basic hygiene and home supplies for families displaced into hotels or for those moving out of their hotel rooms into a home. In order to fill these needs the CTC SHOP Club (Students Helping On Purpose) will be conducting regular donation drives to collect household supplies, healthy snacks, hygiene items, etc...as the needs arise. As the partnership develops we hope to find even more ways CTC can help support these families, students, and this great organization. If you would like to make a donation to help our efforts please contact Kristen Daly (School Counselor) at Kristen.Daly@fcps.org or 240-236-8494, Margie Liddick (Culinary Arts Instructor) at Margie.Liddick@fcps.org or 240-236-8532 or Lera Straits (CTC English Teacher) at Lera.Straits@fcps.org or 240-236-8495. If you would like to learn more about ways to support SHIP contact them at Info@ShipFrederick.com or go to www.ShipFrederick.com

CTC Businesses

Cosmetology

Phone 240-236-8528

Accepts calls for appointments:

W-F 8:00 a.m. – 1:00 p.m.

Walk-in's welcome!

Maryland SkillsUSA Results

The following students competed at the Maryland SkillsUSA Competitions on April 18, 2015 and placed in the top 3 in the state. All 1st place winners will now advance to Louisville, Kentucky in June 2015 for the National competitions.

Hunter Koopman	11th grade	OHS	Action Skills Demo	3rd place
Nicholas Pyles	12th Grade	TJ	Architectural Drafting	3rd place
Austin Lemere	10th grade	THS	Architectural Drafting	1st place
Allison Kitaguchi	12th grade	THS	Audio Radio	1st place
Benjamin Wetzell	12th grade	CHS	Audio Radio	1st place
Logan Flood	12th grade	UHS	Auto Service Tech	2nd place
Jessica Bryant	10th grade	CHS	Basic Health Care	1st place
Kymoni Smith	11th grade	OHS	Basic Health Care	2nd place
Sophia Eureka	12th grade	CHS	Broadcast News	1st place
Alyssa Klink	11th grade	MHS	Broadcast News	1st place
Georges Friedli	11th grade	CHS	Broadcast News	1st place
Eric Myers	12th grade	CHS	Broadcast News	1st place
Nathan Fox	11th grade	MHS	Career Pathways	2nd place
Brittainy Sechler	11th grade	FHS	Career Pathways	2nd place
Casey Jung	11th grade	UHS	Career Pathways	2nd place
Matthew Pare	11th grade	LHS	Carpentry	1st place
Austin Hahn	12th grade	CHS	Carpentry	3rd place
Tiffany Gladhill	12th grade	CHS	Commercial Baking	3rd place
Randi Dollar	11th grade	FHS	Criminal Justice	3rd place
Gabriella Punturiero	11th grade	UHS	Digital Cinema Production	2nd place
Garrison Irwin	11th grade	FHS	Digital Cinema Production	2nd place
Kevin Cook	12th grade	THS	Employment App. Process	3rd place
Tyler Alexander	12th grade	CHS	Engineering Tech Design	3rd place
Michael Clise	12th grade	CHS	Engineering Tech Design	3rd place
Ryan Kinzie	11th grade	BHS	Engineering Tech Design	3rd place
Joseph Stone	12th grade	BHS	Extemporaneous Speech	1st place
Nathan White	12th grade	BHS	Graphic Communications	3rd place
Alivia Fogle	11th grade	WHS	Health Occupations Portfolio	2nd place
Mark Goff	11th grade	CHS	Humanoid Robotics	1st place
Allan Hitchcock	11th grade	OHS	Humanoid Robotics	1st place
Rachel Summers	12th grade	BHS	Job Skills Demo Open	1st place
Justin Knotts	11th grade	LHS	Medical Assisting	1st place
Amber Smith	12th grade	CHS	Medical Assisting	2nd place
Jenna Seiss	12th grade	CHS	Medical Assisting	3rd place
Elizabeth Cordeiro	12th grade	LHS	Nursing Assistant	1st place
Maria Olney	11th grade	MHS	Outstanding Chapter	2nd place
Tram Nguyen	11th grade	FHS	Prepared Speech	2nd place
Ricky Adkins	11th grade	CHS	Prin. Of Engineering Tech	3rd place
Rebecca Compton	12th grade	CHS	Screen Printing	3rd place
Arielle Koselak	11th grade	FHS	TV Video Production	2nd place
Frank Biggs	10th grade	TJ	TV Video Production	2nd place
Hunter Hebeisen	11th grade	MHS	TV Video Production	3rd place
Ryan Wyatt	10th grade	UHS	TV Video Production	3rd place
Arizza Santos	12th grade	THS	Web Design	2nd place
Kelly Witherell	10th grade	THS	Web Design	2nd place
Dustin Hahn	11th grade	CHS	Welding	1st place
Dakota Helmick	11th grade	THS	Welding	1st place
Garrett Murphy	11th grade	UHS	Welding	1st place
Sean Duvall	11th grade	BHS	Welding	1st place
Emily Sewell	11th grade	THS	Welding Sculpture	2nd place



Dr. Lori Andochick
DENTAL

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Annual CTC Awards Ceremony May 5, 2015

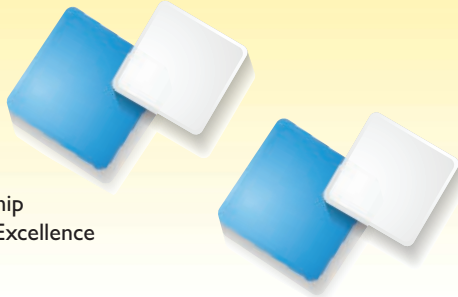
Name	Program	Honors & Awards	Scholarships
Estefany Lazo-Rodriguez	Adv. Floral Design	Achievement, American Citizenship	F.C.S.M.T.F., Inc.
Samuel Brown	Ag Metals	Achievement	
Justin McAfee	Ag Metals	Achievement	
Gregory Dorsch	Ag Metals	Achievement	
Ivonne Pinott-Ortiz	Academy of Health	American Citizenship	
Joseph Engel	Academy of Health	American Citizenship	
Emily Young	Academy of Health	Academic Excellence	
Precious Frimpong	Academy of Health	Academic Excellence	
Aminata Jawara	Academy of Health	Achievement	
Jessica Bryant	Academy of Health	Academic Excellence	
Zoe Croyle	Academy of Health	Achievement	
Alexa Craemer	Academy of Health	Academic Excellence	
Madesyn Harrington	Academy of Health	Achievement	
Jamie Albaugh	Academy of Health	Academic Excellence	
Kymoni Smith	Academy of Health	Academic Excellence	
Justin Knotts	Academy of Health	Academic Excellence	
Sabrina Cooper	Academy of Health	Achievement	
Londan Caliskan	Academy of Health	Academic Excellence	
Princess Santos	Academy of Health	Academic Excellence	
Ny Dao	Academy of Health	Achievement	
Daniela Gonzalez	Academy of Health	Achievement	
Lily Finneyrock	Academy of Health	President's Award for Academic Excellence	
Jacob Hessong	Auto Body Repair	Achievement	
Austin Conley	Auto Body Repair	Achievement	
Tyler Kline	Auto Body Repair	Achievement	
Corey Kraus	Automotive Tech	Achievement	
Cameron Hallock	Automotive Tech	Achievement	
Craig Thomas	Automotive Tec		F.C.S.M.T.F., Inc.
Olivia Nordin	Automotive Tech	Achievement	Roland Eagle Memorial
Kyle Lucas	Automotive Tech	Achievement, American Citizenship	
Hunter King	Automotive Tech	Achievement	
John Kempisty	Automotive Tech	Achievement	
Naomi Brown	Biomedical Science		F.C.S.M.T.F., Inc.
Anne Marker	Biomedical Science	American Citizenship	
Ashlee Leib	Biomedical Science	Academic Excellence, American Citizenship	Harold Reiley
Julia Kulina	Biomedical Science	American Citizenship	
Ari Hernandez	Biomedical Science	American Citizenship	
Aysha Haque	Biomedical Science	President's Award for Educational Achievement	
Emily Burnett	Biomedical Science	American Citizenship	
Eliza Davis	Biomedical Science	Academic Excellence, American Citizenship	
Valentina Whelan	Biomedical Science	Academic Excellence, American Citizenship	
Jessica Grisez	Biomedical Science		F.C.S.M.T.F., Inc.
Nicholas Rakowski	CAD/Architecture	Achievement	
Reyna Guerrero	CAD/Architecture		Harold Reiley Memorial
Tyler Alexander	CAD/Engineering		F.C.S.M.T.F., Inc.
Paige Bussard	CAD/Engineering		F.C.S.M.T.F., Inc.
Nathan Eschbach	CAD/Engineering	Achievement	
Casey Jung	CAD/Engineering	Academic Excellence	
Allan Frazier, Jr.	Carpentry	Achievement	
Thomas Mullaney, III	Carpentry	Achievement	
Colin Lynch	Carpentry	Achievement	
Kevin Majano-Prudencio	Carpentry	Achievement	
Cole Young	Carpentry	Academic Excellence	

Annual CTC Awards Ceremony

May 5, 2015

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Name	Program	Honors & Awards	Scholarships
Austin Hahn	Carpentry	Achievement	ABC Scholarship F.C.S.C.T.F. Inc.
Mark Louthan	CISCO	Academic Excellence	
Nicholas Geraghty	CISCO		
Andrew Wheelock, Jr.	Computer Tech	Achievement	
Stephen Nelson	Computer Tech	Academic Excellence	
Nam Quach	Computer Tech	Academic Excellence	
Sage Rowland	Cosmetology	Academic Excellence	
Kye White	Cosmetology	Academic Excellence	
Chanie Houser	Cosmetology	Academic Excellence	
Alexis Cox	Cosmetology	Achievement	
Antoinette Robinson	Cosmetology	Achievement	
Ryan Heskett	Cosmetology	Achievement	
Jacqueline Jimenez	Criminal Justice	Academic Excellence	
Reid Clingerman	Criminal Justice	Achievement	
Ian Swanson	Criminal Justice	Academic Excellence	
Charles DeHaven	Criminal Justice	Achievement	
Victoria Sohm	Criminal Justice	American Citizenship	
Daija Bettis	Criminal Justice	Academic Excellence	
Noah McElmurry	Criminal Justice	Achievement, American Citizenship	
Robert Norwood	Criminal Justice	President's Award for Academic Excellence	
Takin Abbasian	Criminal Justice	American Citizenship	
Terre Black	Culinary Arts	Achievement	
Ranel Castro	Culinary Arts	Achievement	
Sade Bowens	Culinary Arts	Achievement	
Alyssa Briske	Culinary Arts	American Citizenship	
Mary Merkel	Culinary Arts	Achievement	Harold R. Flaherty Mem.
Emily Miller	Culinary Arts	Achievement	
Jacob Myers	Culinary Arts	Achievement	
Tiffany Gladhill	Culinary Arts	President's Award for Academic Excellence	
Kaitlyn Ford	DD & PM	Achievement	
Kelsey Stafford	DD & PM		DD & PM
Erick Argueta	DD & PM	Achievement	DD & PM
Nathan White	DD & PM	Achievement	
Ancrew Giacco	Electricity	Achievement	
Kyle Davis	Electricity	Achievement	
Amanda Farmer	Landscaping	Academic Excellence	
Hannah Brown	Landscaping	Achievement	Carroll L. Shry, Jr.
Lucas Torres	Masonry	Achievement	
Jacob Watkins	Masonry	Academic Excellence	F.C.S.C.T.F., Inc.
Storm Paz	Masonry	Academic Excellence	
Hunter McGrory	HVACR	Academic Excellence	
Dylan Watkins	HVACR	Achievement	
Tyler Duman	HVACR	President's Award for Educational Achievement	
Jarrett Grove	HVACR	Achievement	
Myles Harriday	Transition Skills	Achievement	
Matthew Abate	TV/Multimedia	President's Award for Educational Achievement	
Allison Kitaguchi	TV/Multimedia	Academic Excellence	
Eric Myers	TV/Multimedia	Academic Excellence	
Maria Olney	TV/Multimedia	Academic Excellence	
Sophia Eureka	TV/Multimedia	President's Award for Academic Excellence	F.C.S.M.T.F., Inc.
Logan Barrick	TV/Multimedia	President's Award for Academic Excellence	F.C.S.M.T.F., Inc.
Arizza Santos	Web Design	Academic Excellence	Career & Tech Center
Kelly Witherell	Web Design	Academic Excellence	



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our students...



COMPUTER TECHNICIAN ANALYST CLASS

Computer Tech Analyst

The Computer Technician Analyst class is the first class that a student needs to take to become a completer in the Cisco Networking Academy. This class prepares the student for the CompTIA A+ certification which tells people around the world that this person is able to build, repair and troubleshoot computer equipment and the Microsoft operating systems. The students study all the parts that make up a computer and what their role is in making a computer run. They also get an introduction to basic networking, how printers work and the basics of handheld devices and phones. This includes hands on labs with all these devices. In addition, they learn to install the many versions of the Microsoft operating systems and learn how to fix problems that occur in them.

This year 31 students attempted the A+ exams and 20 of them passed to become A+ certified. In addition if any student in the class has a B average for the year, they can also get 6 articulated credits at Frederick Community College. Congratulations to all these students!

Biomedical Science Internships

Six Biomedical Science students have been selected for the highly competitive science internships at the National Cancer Institute (NCI) and United States Army Medical Research Institute for Infectious Disease (USAMRIID) for their senior year. Receiving Werner H. Kirsten internships at the NCI are Emily Burnett, who will be working in the Employee Health Clinic with nurse practitioner Sarah Hooper; Roxy Hinch, who will be working with mentor Ravi Ravichandran studying how changes in DNA sequence may result in changes in protein composition; and Ashli Earl who will be working in the lab of Antonio Valentin examining retroviruses. Receiving internships at the USAMRIID are Annie Marker, who will work with Johnathan Dambrozio in the Molecular and Transitional Sciences Division studying antibiotic resistance; Mercedes Matlock, who will be working with Michael Lindquist studying the Hanta Virus; and Jake France, who will be working with John Suschak in a virology lab. Congratulations to these highly capable students who were selected from a huge pool of outstanding candidates from Frederick County and surrounding counties!



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You're on track with CTC, BUT WHAT'S NEXT?

College options abound - we can help find the best fit for you!



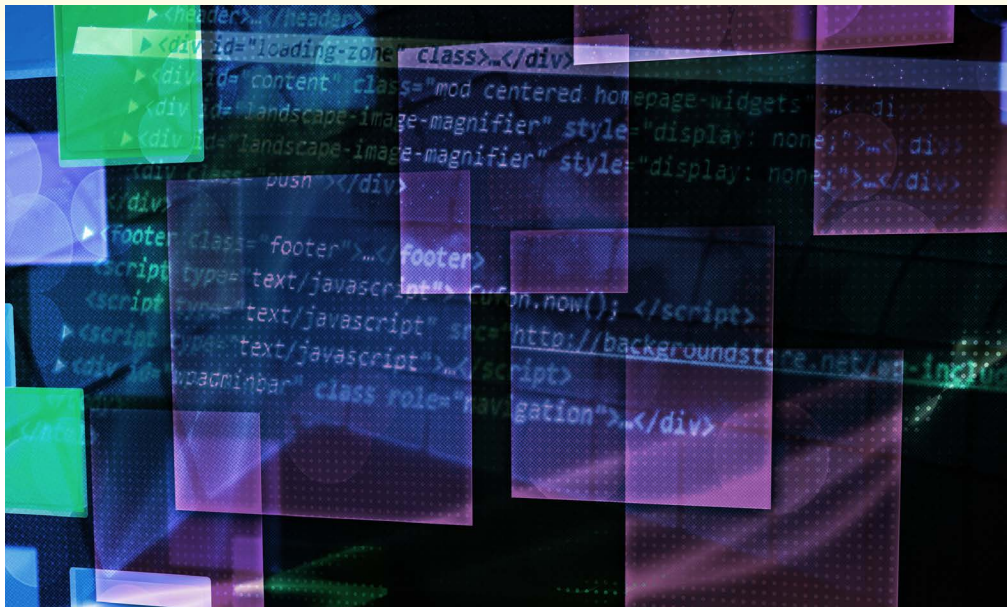
Rely on the experience of **Charlotte Klaar, PhD.**, and her staff of professionals to provide crucial advice on college lists, timelines, applications & financing. Contact us today! www.cklaar.com



Returning to SkillsUSA Nationals

By: Eric Myers

After defending our state championship title in April, Maria Olney and I will return to compete in the Broadcast News Production competition at the SkillsUSA National Conference. Last year, the competition was held in Kansas City, Missouri, and our team placed 10th in the nation. While our team has two new components, we have our sights set on a higher finish this year. Georges Friedli, Alyssa Klink, Maria Olney, and I will be leaving for Louisville, Kentucky in late June to showcase our skills within a news production capacity. Due to our prior experience, Maria and I will be able to guide our two newcomers and advise them on what to expect at the contest. Our competition entails a two-hour preparation period to write and practice a three-minute newscast, then twenty minutes in the studio to perform your news broadcast. Alyssa and Georges are the news anchors on our team; while Maria is the floor director, and I deal with the technical end of camera switching and audio. With the judges being specific about subtle nuances within the broadcast, our team has knowledge of the judges' preferences. My two years at CTC has helped prepare me for this contest. We hope to make the Television/Multimedia Production class and the Career and Technology Center proud in our pursuit of excellence!



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in the spotlight

CAD Engineering Students – Real World Design Challenge

We would like to congratulate our CAD engineering students, and their instructor Phil Arnold, for winning the Maryland Governor's Cup in the Real World Design Challenge. RWDC is a national engineering design competition that challenges student teams to address real world problems that confront our nation's leading industries. The team designed an unmanned Coaxial-Rotor Helicopter for targeted application of pesticides. The goal is to ensure the health of crops from predation, while reducing the negative effects of blanketed, broad-based application. The team will further develop their UAS project to meet the expanded national challenge guidelines and will represent Maryland at the 2015 RWDC National Championships in Washington DC in November.

Team members on the CTC Engineering Team are: Adrian Bobb – Documentation; Mark Goff – Scientist; Allan Hitchcock – Mathematician; Casey Jung – Project Manager; Ryan Kinzie – Systems Engineer; Sean McGaughey – Simulation Test Engineer; and Brittainy Sechler – Mechanical Engineer. We applaud their effort and achievement and wish them well as they prepare for the national challenge.



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DONATE YOUR USED VEHICLE TO THE CTC'S MECHANICAL TRADES FOUNDATION

If you have an unused vehicle or a vehicle that does not run-consider donating it to the CTC's Frederick County Student's Mechanical Trades Foundation. Vehicles are used for instruction in the Automotive Service Technology and Collision Repair programs and eventually sold at auction.

The proceeds provide program support, scholarships, and funding for the CTC's SkillsUSA organization.
Call 240-236-8473

*Donations qualify for the IRS's "significant intervening use" designation allowing donors to use the Fair Market Value as a deduction on their taxes.