



TROY HIGH SCHOOL WARRIOR WEEKLY



April 7, 2023

Mt. Baldy on March 23, 2023

Happy first week of April! It has been a busy week, which is 100% normal. Among other things this week, we have just finished our first week of CAASPP testing! Thank you to all our 11th grade students for putting your best foot forward and doing your best! Also, thank you to our teachers for both administering the CAASPP exams and for adjusting instruction for these two weeks of block schedule. One week to go!

CAASPP TESTING SCHEDULE APRIL 2023				
3 Monday	4 Tuesday	5 Wednesday	6 Thursday	7 Friday
(Science)	(Science)	(0 per only) (CAT*)	(0 per only) (PT*) (science**)	
		0: 7:28 - 9:28*	0: 7:28 - 9:28/**	STAFF
1: 8:30- 10:30	2: 8:30- 10:30	1: 9:33 - 10:20	1: 9:33 - 10:20	DEVELOPMENT
break: 10:30 - 10:45	break: 10:30 - 10:45	2: 10:25 - 11:12	2: 10:25 - 11:12	NO STUDENTS
3: 10:50 - 12:50	4: 10:50 - 12:50	break 11:12-11:27	break 11:12-11:27	
lunch: 12:50 - 1:25	lunch: 12:50 - 1:25	3: 11:32 - 12:19	3: 11:32 - 12:19	
5: 1:30 - 3:30	6: 1:30 - 3:30	4: 12:24- 1:11	4: 12:24- 1:11	
		lunch 1:11-1:46	lunch 1:11-1:46	
		5: 1:51 - 2:38	5: 1:51 - 2:38	
		6: 2:43 - 3:30	6: 2:43 - 3:30	
10 Monday	11 Tuesday	12 Wednesday	13 Thursday	14 Friday
(CAT)	(CAT)	(PT)	(PT)	
0: 7:28 - 8:25	0: 7:28 - 8:25	0: 7:28 - 8:25	0: 7:28 - 8:25	REGULAR
1: 8:30- 10:30	2: 8:30- 10:30	1: 8:30- 10:30	2: 8:30- 10:30	SCHEDULE
break: 10:30 - 10:45	break: 10:30 - 10:45	break: 10:30 - 10:45	break: 10:30 - 10:45	
3: 10:50 - 12:50	4: 10:50 - 12:50	3: 10:50 - 12:50	4: 10:50 - 12:50	
lunch: 12:50 - 1:25	lunch: 12:50 - 1:25	lunch: 12:50 - 1:25	lunch: 12:50 - 1:25	
5: 1:30 - 3:30	6: 1:30 - 3:30	5: 1:30 - 3:30	6: 1:30 - 3:30	
17 Monday	18 Tuesday	19 Wednesday	20 Thursday	21 Friday
24	25	26 CAM Testing Starts	27	28 IB Testing Starts
1 AP/IB/CAM Testing	2 AP/IB/CAM Testing	3 AP/IB/CAM Testing	4 AP/IB/CAM Testing	5 AP/IB/CAM Testing
8 AP/IB/CAM Testing	9 AP/IB/CAM Testing	10 AP/IB/CAM Testing	11 AP/IB/CAM Testing	12 AP/IB/CAM Testing
15 AP/IB/CAM Testing	16 AP/IB/CAM Testing	17 AP/IB/CAM Testing	18 AP/IB/CAM Testing	19 AP/IB/CAM Testing
22 AP/IB/CAM Testing	23 AP/IB/CAM Testing	24	25	26
If students are absent and miss any CAASPP test, they will be pulled the following day to make up their test. So students, do your best to attend each day during the testing season because it will impact your other classes if you are absent.				



April Chalk Art by Mrs. Shannon Cogswell

Last week I wrote about the Orange County Science and Engineering Fair (OCSEF), and there was one of our winners, that I did not yet have the information on her research project. Here it is, and it is also some very impressive work!

1st Place

Meghana Gunturi, 11th Grade, Mathematics/Software Category, Senior Division

Applications of Convolutional Neural Networks in Early Amelanotic Melanoma Skin Cancer Detection

Problems:

- - *Due to the lack of pigment in amelanotic melanoma, this skin cancer is often only recognizable in its late and aggressive stages. This research aims to fix the problem of late diagnosis in this rare variant of melanoma.*
- - *This late diagnosis leads to low chance of survival, metastasis, and other problems associated with aggressive skin cancer.*

Abstract

Rooted in the melanocytes, melanoma is the most serious type of skin cancer. When melanocytes begin to lose control over cell division, these specialized pigmentation cells begin to form moles

on the skin, indicating the presence of a skin cancer. As for any cancers, early melanoma detection is important for proper treatment, before the cancer poses a serious threat. However, this task becomes increasingly difficult with challenges posed by amelanotic melanoma. This rare variant of melanoma does not produce the pigment melanin, making it only recognizable in its late stages as an aggressive cancer. This project aimed to utilize machine learning to aid in the task of skin cancer image identification. This project created an MCNN (Melanoma Convolutional Neural Network), which is a novel deep learning framework for identifying amelanotic melanoma, regular pigment melanoma, and non-cancerous moles. In order to build this solution, a CNN with a backpropagation algorithm and residual blocks was created. This research focused on the subtypes of superficial spreading melanoma, nodular melanoma, desmoplastic melanoma, and spitzoid melanoma for amelanotic cancers. The model underwent numerous tests to ensure high accuracy. Residual blocks allowed for accuracies of regular pigment melanoma and amelanotic melanoma to reach 1.0000. Furthermore, adding a backpropagation algorithm allowed amelanotic and null moles to reach an identification accuracy of 0.9976. This research showed what exactly makes a seemingly normal skin mark cancerous or non-cancerous. My proposed solution of using a CNN to diagnose cancerous moles was validated by this research.

FJUHSD and Troy High School remain committed to providing Mental Health support to our FJUHSD community. There are many options at your disposal, so please take advantage of them as needed. Some of the numerous Mental Health resources available to our FJUHSD Family, include Parents and Guardians. Please use the resources that are available to you and these resources can be also be found on our district website [HERE](#).

Additionally, FJUHSD has partnered with [Care Solace](#), a wonderful agency available to help our FJUHSD families access community mental health resources. It is free, confidential, and they are experts at connecting mental health providers to anyone needing support. Please feel free to review by clicking here, [Care Solace](#). FJUHSD also has these additional mental health resources and links to Orange County and National mental health support.

- [FJUHSD Virtual Calming Room: https://sites.google.com/fjuhsd.org/fjuhsd-virtual-calming-room/home](https://sites.google.com/fjuhsd.org/fjuhsd-virtual-calming-room/home)

- [FJUHSO Parenting Resources](https://www.fjuhsd.org/Page/4317): <https://www.fjuhsd.org/Page/4317>
- [OC Support and Crisis Resources](https://www.namioc.org/help-support-overview): <https://www.namioc.org/help-support-overview>
- [National Alliance on Mental Illness \(for OC\)](https://www.namioc.org/): <https://www.namioc.org/>



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HANDLES

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Twitter: @fjuhsd
Facebook: Fullerton Joint Union High School District
YouTube: Fullerton Joint Union High School District
TikTok: @fjuhsd



Social Media



Stay Connected: www.fjuhsd.org

Warriors, here is the link to the March Superintendent's FJUHSO newsletter. For the global FJUHSO insight, news, and events, it does not get much better! <https://conta.cc/3JRvHHJ>

The excellent Troy High School Family video: <https://youtu.be/a3HtnItxdt8>

**BE SAFE, BE SMART
SCHOOL IS A SAFE SPACE**

**NOTICE
WEAPONS
OF ANY KIND
PROHIBITED**

SAFETY BEGINS WITH US

REMINDER: Toys that look like weapons are prohibited in school for various safety reasons. Please help us keep weapons, dangerous objects, and weapon replicas out of our schools.



Our NJROTC team returned Monday night from Pensacola, Florida from the Navy Nationals and Drill Meet. They have come home victorious with some individual and competition team National Championships, and also finished 2nd in the National overall for the second year in a row! Congratulations to all our cadets, and 1st SGT. Barnes and Master SGT. Yocke, as well as all our Booster parents and chaperones who supported our cadets throughout this trip and the travel.





Our cadets, NJROTC instructors and parents further celebrated our cadets and their achievements this year at Troy's Military Ball last night held at the Nixon Library. Pictured above is LT Roger Fronek cutting the celebratory cake with one of our officers. It was a wonderful end to a fantastic week for our Troy NJROTC! Awesome job, Warriors!

From our Band Director, Mr. Joseph Castillo, *"Please wish any of our Drummers and Guard members congratulations this week. Both groups took 3rd places at their respective competitions. The Drumline will advance to semifinals on the 16th and the Guard will have one more competition on the 15th before going onto Championships on the 22nd. Go Warriors!"* Great job Warriors and good luck in your remaining competitions!

Our Troy cyber students have been at it again! From Cyber Coach, Mr. Allen Stubblefield, *"Troy Cyber qualifies for Radford University's virtual finals for their RUSecure CTF! Our CyberSpace team of **Rishabh Jain, Jaden Wijata, Aarav Bhatnager, Tanush Madanbhavi, and Derek Peng** qualified as one of 10 teams from over 100 to make the finals. Radford Univ is in western Virginia and has offered each of our students a \$500 scholarship if they decide to attend Radford. The final round is on Saturday, April 22. Go Troy Cyber!"*



Our Troy Cheer Team should be as happy as they look in this photo! Troy Cheer Head Coach, Ms. Jordan Echaves and Assistant Coach, Ms. Meighen Jones reported on Monday, *“This weekend, our cheer team competed at the Sharp Championship at Six Flags Magic Mountain.*

We competed for the first time in 4 years and WOW did these young ladies work hard!

1st place: Varsity advanced cheer routine

1st place jumps: Mikayla Sypinero

1st place tumbling: Madison Bedwards

2nd place stunt team: Kloie Beck, Sarah Carter, Margaret Navarro, & Maya Bulaon

2nd place tumbling: Kloie Beck

3rd place jumps: Abigail Ramos

1st place WEST COAST CHAMPS ALL CHEER: Troy Cheer!!

I am so incredibly proud of this team and how far they have come, both as cheerleaders and individuals. Give it up for all the progress these girls have made in their short time as cheerleaders! It is a good day to be warrior!

T-WHAT! Best, Jordan Echaves & Meighen Jones” Congratulations, to our Warrior Cheerleaders! Our school would not be the same without them! Go, Warriors!

TROY DANCE PRESENTS

RAI23

*THE
FLOOR!*

**SPRING DANCE CONCERT
APRIL 13 & 14 @7:00PM**

VISIT [TROYHSDANCE.BOOKTIX.COM](https://troyhsdance.booktix.com) TO PURCHASE TICKETS!





It is Professional Development Friday for Staff and a long weekend for our students, and both groups are benefiting. I hope everyone is having a great day, and this weekend if you celebrate Easter as I do with my family, or if you have another celebration, be it holiday or birthday, I hope you have time to spend with family and friends! I am ready for the weekend, and will be the Easter chef for brunch on Sunday. ☺

You probably know that if your dog is trained to open boxes, you need to watch her if there are boxes around that do not belong to the doggie. Fortunately for me, I saved the box and contents from a very disappointed Luna. I hope everyone has a wonderful and relaxing weekend. I will see everyone back here on Monday!

W.V. Mynster