

Washington FPS

FROM THE AD'S DESK
AUGUST 2022



Kayleigh Proctor-Finnegan

Fairhaven Middle School

Washington State FPS **Flag Bearer** at the 2022
International Hybrid Conference

Hello,

With the beginning of August, we start to turn our attention to a new school year. For those who are again looking forward to coaching another year of Global Issues Problem Solving, the first topic, e-waste, is focused on the environment and the problems surrounding society's unceasing quest for newer and better technology. What are we doing with all the electronic surplus that is becoming a pressing problem as it increases exponentially? Can we develop a system that will allow us to dispose of this mostly toxic waste in an environmentally friendly way? Will we allow this waste to continue to pollute less-developed countries who are frequently the recipients of this waste?

In this newsletter, on page 2, you will find the results of the Washington team's participation at the hybrid International Conference held at the University of Massachusetts at Amherst in June. Some of our teams and individuals traveled to UMass and some stayed here and participated virtually.

The Washington team consisted of students who placed 1st three times, 2nd place once and 3rd place three times. Congratulations to all the coaches who helped these students prepare for this competition as well as all the parents who supported them. Once again, Team Washington had another successful competition.

This year there will be two major changes. Firstly, both CmPS teams and individuals will compete against one another so there will not be separate team and individual competitions. Secondly, there will not be an intermediate step in Scenario Writing between the Qualifying State scenario write (due in January) and the International Competition in June. In the past, winning scenarios have been entered into the ISWC and winners of that competition have been announced in April. This year, there will be no International competition in March; however, Washington state will be allotted a certain number of International Conference slots and those slots will be filled by our State scenario winners. Those students will then be invited to IC and will compete there.

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IC WASHINGTON WINNERS

Congratulations to these Washington FPS participants for placing at the International level for 2022!

Scenario Writing Junior Division:

11th place, Siddhi Lakkarsu, Albert Einstein Elementary Independent

25th place, Nidhi Karnati, Redmond Middle School Independent

Scenario Writing Middle Division:

10th place, Anvika Kaul Singh, Odle Middle School

23rd place, Tasmia Minhaz, Leota Middle School

27th place, Mingmei Sun, Tyee Middle School

Scenario Writing Senior Division:

5th place, Prisha Hemani, Interlake High School

7th place, Jake Donner, Interlake High School

14th place, Nishka Kacheria, Interlake High School

Scenario Writing Middle Division (on-site):

11th place, Anvika Kaul Singh, Odle Middle School

16th place, Mingmei Sun, Tyee Middle School

Scenario Writing Senior Division (on-site):

14th place, Prisha Hemani, Interlake High School

Scenario Performance Junior Division:

4th place, Eesha Parihar, Somerset Elementary School

6th place, Chloe Kwan, Somerset Elementary School

Scenario Performance Middle Division:

1st place, Abhidi Brahmamath, Odle Middle School

3rd place, Anvika Kaul Singh, Odle Middle School

Scenario Performance Senior Division:

3rd place, Sidhya Ganesh, Interlake High School

7th place, Tanya Bhandari, North Creek High School

Global Issues Problem Solving Individual Middle Division:

8th place, Vedika Hemani, Odle Middle School

Global Issues Problem Solving Individual Senior Division:

3rd place, Cindy Liu, Bellevue Independent

6th place, Sidhya Ganesh, Interlake High School

20th place, Prisha Hemani, Interlake High School

Global Issues Problem Solving Team Junior Division:

12th place, Fairhaven Middle School (Abby Aiken, Camille Fortna, Gwen Brown, Jonna Gilham)

23rd place, Somerset Elementary School (Eesha Parihar, Kelsey Tu, Lilian Yang, Melanie Grad)

26th place, Odle Middle School (Kabir Khandelwal, Kaiser Yen, Aadhya Kalakuntla)

Global Issues Problem Solving Team Middle Division:

5th place, Woodinville High School (Amogh Patil, Anish Pamuru, Elijah Yan, Ryan Pascual)

14th place, Fairhaven Middle School (Kayleigh Proctor-Finnegan, Lucy Naiman, Maria Horja, Meaghan MacGregor)

Global Issues Problem Solving Team Senior Division:

1st place, Interlake High School (Aaryan Pawar, Lucas Tang, Nishka Kacheria)

2nd place, Woodinville-North Creek (Allan Xuan, Mason Stuart, Sophia Kawamura, Yash Pant)

6th place, Bellevue Independent (Annie Zhao, Claire King, Eunice Lee, Linh Tran)

Community Problem Solving Senior Team Division:

17th place, North River School

MAGIC Middle Division:

1st place, Katelyn Kawamura, Leota Middle School

QUICK GUIDE TOPIC DESCRIPTORS FOR 2022-23

Practice Problem 1: E-Waste

Electronic devices are often replaced with the latest version at an alarmingly fast pace. These constant upgrades add to e-waste, significantly impacting the environment and reducing natural resources while consumer demand is being met. Tens of millions of tons of such materials are discarded every year worldwide. Electronic products are full of hazardous substances such as toxic materials and heavy metals that can threaten humans, plants, animals. One method of disposal often employed by developed states is to offload e-waste to low-income countries for resale or demolition. This offloading places developing nations at greater risk of exposure to toxic chemicals and materials. Meanwhile the high rate of device upgrades in developed countries has significant consequences for both people and the environment. What impact does planned disposal have on the amount of e-waste? What incentives can be developed to promote software upgrades for existing devices? As the appetite for ever-increasing technological devices continues, what are the implications for how we dispose of these devices? How can more effective and ethical responses to recycling and disposal policies be encouraged to protect human life and the global environment in the future?

Practice Problem 2: Digital Realities

Technologically, virtual reality is widespread and expanding its application through augmented, enhanced, mixed, and other forms of digital realities. The options and opportunities for its application appear boundless through the integration of 3-D images, gaming, computer-assisted instruction, equipment simulators, and entertainment platforms. The imposition of holographic images over real-world views have applications ranging from education, archaeology, and engineering, to sports training, video games, and artistic expression. The utilization of augmented reality technology is already making significant changes to the manufacturing industry. What other industries will it revolutionize? The inclusion of haptic, visual, and auditory overlays can be both constructive and destructive to users. New opportunities are provided to individuals with disabilities. New treatments are made available to the ill. How will enhanced reality impact human interactions? Digital reality is constantly evolving with advantages for all fields. How will we deal with the fiscal, educational, and psycho-social issues that might arise?

Qualifying Problem: Robotic Workforce

Machines were developed to assist with dangerous and difficult jobs. At present, unskilled human labor is being replaced with robotics more quickly than at any time in history. Advancements of such machines move technology closer and closer to lights-out manufacturing. In countries with robust national safety nets, these changes are viewed as inevitable, and they have begun to explore new human employment concepts. Robotic workers often provide for human safety as in the case of bomb disposal. Laborers are fearful of how these looming employment changes and uncertain of how their work life will proceed. A robotic workforce's effects go beyond manufacturing as university-trained individuals such as lawyers and accountants are already being impacted by automation. What will the human workforce of the future look like? Will specialized training and education be needed for a combined human and robotic workforce? What will our future work force look like? How will our future economy be impacted by robotics in the workforce?

State Bowl: Throw Away Society

Consumerism has promoted a 'throw-away' society – one in which people do not keep things for very long, preferring single-use and disposable items. This societal approach leads to overconsumption of short term items instead of durable goods that can be repaired. Widespread social influencing often encourages people to focus on the consumption, ownership, and display of material possessions to mark an individual's social status, identity, and standing. This impacts the environment, lifestyles, and distribution of wealth. Consumerism stretches the world's limited natural resources. Production is dictated by consumer demand, and businesses try to provide consumers with a growing number of options, including branded goods, to stay afloat. Many products are often fads or are adapted and modified regularly to entice consumers to buy the upgrades despite already having durable ones. Constant upgrades are sought in an effort to achieve greater social standing through material possession instead of meaningful acts. How can societies value all of their members while allowing for - and encouraging - individual perspectives and desires? What are the appropriate balances between local values and global aspirations for consumers?

2022-23 REGISTRATION FEES

Take advantage of **early registration fees** for 2022-2023

By registering before September 30.

GIPS Teams \$195 (prior to September 30: \$180)

GIPS Individual \$120 (prior to September 30: \$105)

Scenario Writing \$55 (prior to September 30: \$45)

Scenario Performance \$55 (prior to September 30: \$45)

CmPS Individual \$120

CmPS Team \$130 for a three-person team, and \$15 for each additional team member over the first three students.

Continuation of a CmPS Project from prior year \$30

A \$15 late fee per team or individual will be assessed after November 30.

Register online at wafps.org

Important Dates

Sept. 30: Last day for Early Registration

Oct. 5: 7 p.m. Coach Zoom Meeting

Oct. 20: PPI Due Date, Topic: E-Waste

Nov. 18: CmPS Progress Report Due

Dec. 5: Last day to register & be evaluated for PPII

Dec. 9: PPII Due Date, Topic: Digital Realities

Jan. 17: Scenario Writing Due Date

Feb. 2: QP Due Date, Topic: Robotic Workforce

Feb. 6: Scenario Performance Due Date

Feb. 17: CmPS Projects Due

March 6: State Bowl Registration Due

March 22-24: State Bowl, Warm Beach, Topic: Throw Away Society

June tba 2023 International Conference

WAFPS BOARD MEMBERS

First, thank you to Angie Rambo (Tekoa) and Kimberlee Spaetig-Peterson (Snohomish) for their years of service to the WAFPS board. Also, we'd like to thank Michelle Gordon for her four years of service to the board as President. Under her leadership, WAFPS was able to create the scholarship fund and award two \$500 scholarships this spring. Michelle will be staying on the board as the Vice President. Matthew Bohannon will be the new President. Other board members can be found on the [website](#).

Reach out to any of the board members if you have concerns or suggestions.



FINAL WORDS FROM THE AD'S DESK

The website has been updated with all of the 2022-23 information that coaches may need. If you can't find something, please let me know!

I'm excited to announce that this year we will be holding zoom meetings for all coaches to debrief after each write. The WAFPS Board would like to give coaches the opportunity to discuss and learn from each write.

Our Evaluation Director, Ann Foreyt, will be leading these discussions. Dates and times of these zoom meetings will be announced later, but we will kick off the year on **October 5 at 7 p.m.** with the first zoom meeting for all coaches. Bring your questions! More information will be sent closer to this date, along with the zoom link.

Please call/text (509) 386-6297 or email me (jbuissinkwafps@gmail.com) any time you have questions.

Next Up in September: **Uploading student work and more. . .**

“Success is not how high you have climbed, but how you make a positive difference to the world.”— Roy T. Bennett