

The background image shows a large, tiered lecture hall filled with people, likely students and faculty, seated in rows. In the foreground, several large, ornate silver trophies with multiple handles and decorative finials are placed on a surface. The trophies vary in size, with the largest one on the right. The hall has a warm, yellowish light from overhead fixtures.

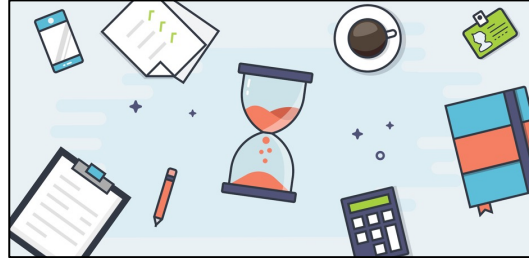
**Thank you for Volunteering for UConn's Science Bowl!**

**As “checking in” attendance,  
please put your name, major,  
and if you’ve done Science Bowl  
ever**

# Today's goals and agenda



**What is Science Bowl?**



**What is the schedule and logistics for the event?**



**How can you make the most impact?**

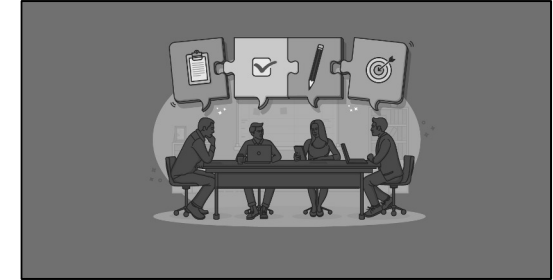
# Today's goals and agenda



**What is Science Bowl?**



**What is the schedule and logistics for the event?**



**How can you make the most impact?**





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2023 NSB

NATIONAL SCIENCE BOWL

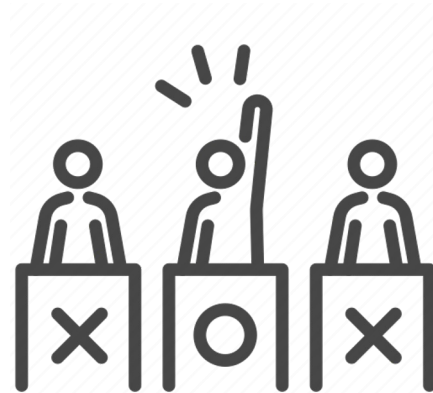
a competition like no other . . .

# **UConn hosts the largest Science Bowl event in the United States!**

**~400 high school students**

**~50 coaches**

**~200 volunteers**



# We host three distinct regionals, and send 3 winners to the National Competition in Washington DC



## **CT Regional Bowl**

27 distinct schools  
from Connecticut

30 teams in this region



## **Northeast Regional Bowl**

17 distinct schools  
from MA, RI, VT, NH, ME

30 teams in this region

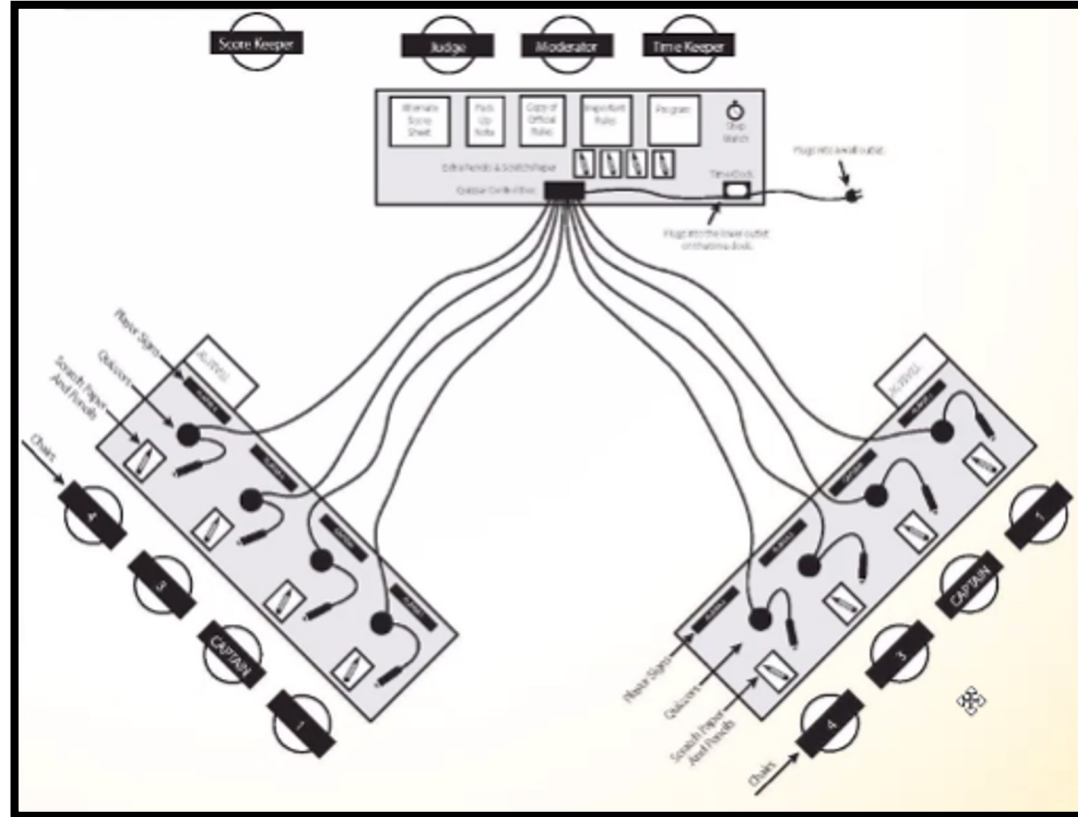


## **New England Promise Bowl**

2\* distinct schools  
Equity-focused bowl

6 teams + additional events

**In general two teams compete in each round in two eight minute halves with a two minute half time.**





# Sample Match



Sample video:

[https://youtu.be/l7fndq\\_T1Ck](https://youtu.be/l7fndq_T1Ck)



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# Basic Game Play

- No notes, textbooks, calculators, computers
- Scratch paper must be blank at the beginning of each half
- Don't distract the other team
- Be polite and courteous
  - *Unsportsmanlike conduct will not be tolerated*



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# Types of Questions

**Toss-Up** and **Bonus**

**Short Answer** and **Multiple Choice** (W, X, Y, Z)

No True/False Answers

No “All/None Of the Above”  
on **Multiple Choice** Questions

## Question Categories

- Biology
- Physics
- Earth and Space Science
- Mathematics
- Energy



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# Types of Questions

## Multiple Choice

- May say letter answer (W, X, Y, or Z) or scientific answer
- If scientific answer – it must be exact as is written on question-and-answer sheet
- If say both letter and scientific answer, they must both be exact

## Short Answer

- Does not need to be exact
- Simplify numerical answers

First word counts...  
no “My answer is...”



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May I have a brave and  
beautiful soul click raise hand  
and volunteer to read a  
question for us?



## TOSS-UP

### 2) CHEMISTRY Multiple Choice

An aqueous solution in which the concentration of  $\text{OH}^-$  ions is greater than that of  $\text{H}^+$  ions is:

W) basic

X) acidic

Y) neutral

Z) in equilibrium

This is our subject.  
We read it to let students  
know what to expect

TOSS-UP

This is our category.  
We read it to let students  
know any team can  
answer

2) CHEMISTRY Multiple Choice

An aqueous solution in which the concentration of  $\text{OH}^-$  ions is greater than that of  $\text{H}^+$  ions is:

W) basic

X) acidic

Y) neutral

Z) in equilibrium

ANSWER: W) BASIC

# Toss-up Questions

- Lockout buzzer system
- Have **five seconds** to push buzzer
- Wait for category to be read
- Wait to be VERBALLY recognized
- No stalling, **no verbal consultation**
- **Four points** for correct answer and **chance to answer bonus question**
- Zero points for an incorrect answer and the other team has five seconds to buzz in and answer
- Distraction by opposing team counts as correct answer (optional 20 second run-off)



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## TOSS-UP

### 8) BIOLOGY Multiple Choice

Human epidermis is mostly composed of which of the following basic animal tissues types:

W) epithelial

X) connective

Y) nervous

Z) muscle

## TOSS-UP

8) BIOLOGY Multiple Choice Human epidermis is mostly composed of which of the following basic animal tissues types:

W) epithelial

X) connective

Y) nervous

Z) muscle

ANSWER: W) EPITHELIAL

# Interrupt – Rule 6.2

When **player buzzes in, interrupting the reading of the Toss-up.**  
Player is verbally recognized and gives answer.

## Points

- Correct Answer: 4 points – move on to Bonus
- Otherwise:
  - 4 points awarded to other team
  - If the other team is eligible, the question is reread from beginning and other team has an opportunity to buzz in and answer

If a toss-up question is interrupted (that is, not completely read by the moderator), the player is recognized, and the answer is correct, the team will receive 4 points. For any other circumstance (such as a wrong answer, a blurt, or audible communication), 4 points will be added to the opposing team's score. If the opposing team is still eligible for the toss-up, it will have the toss-up question reread from the beginning, be given an opportunity to answer it, and, if correct, have an opportunity to answer the bonus question.



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# Blurt – Rule 4.1

- When a player buzzes in, but says **answer before being recognized**
- Moderator will not indicate if the answer given is correct or incorrect
- Question is offered to other team
  - Re-read if interrupt
  - 5 seconds to buzz in if fully read



If the player that has buzzed in answers or otherwise speaks before being recognized, it is termed a blurt. (Involuntary sounds such as sneezes will be ignored.) The moderator will not indicate whether the answer was correct or not, and no points will be awarded, but the blurring team will be ineligible to answer the toss-up question. The toss-up question is then offered to the opposing team, if still eligible. If the question has not been completely read, the question will be reread in its entirety, and the opposing team will have an opportunity to answer the toss-up question, and, if correct, an opportunity to answer the bonus question.



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May I have a brave and  
beautiful soul click raise hand  
and tell us  
the difference between an  
Interrupt and a Blurt

# Bonus Questions

- Lockout buzzer system is NOT used
- Only the team who answered the toss-up correctly may answer
- Same category as toss-up question
- Team members **may consult** each other
- Only team captain can give answer
- **20 seconds** to start answer; five second warning will be given
- **Ten points** for correct answer
- Zero points for an incorrect answer
- Distraction by opposing team counts as correct answer (optional 40 second run-off)



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May I have a brave and  
beautiful soul click raise hand  
and volunteer to read a  
question for us?

## BONUS

### 8) BIOLOGY Short Answer

What are the 2 basic categories of lymphocyte cells?



## BONUS

### 8) BIOLOGY Short Answer

What are the 2 basic categories of lymphocyte cells?

ANSWER: T AND B (ACCEPT: B AND T CELLS)

## BONUS

### 8) BIOLOGY Short Answer

What are the 2 basic categories of lymphocyte cells?

ANSWER: T AND B (ACCEPT: B AND T CELLS)

# Reminder: Types of Questions

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# Challenges

## Challenges must...

- Be made before the moderator begins the next question
- Come from the team members who are actively competing
- The alternate and/or the coach or parents may not object verbally or by signal. *If either the alternate, the coach, or a parent objects verbally or by signal to the active team members, the challenge will not be allowed.*
- You MAY NOT challenge judgment calls.
- **Limited to 2 unsuccessful challenges per team per match**

***All decisions of the judges are final!!!***



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In the chat:

What kinds of challenges do  
you think students can make?

# Coaches

Coach your team before,  
during break, and after games  
– but **you may NOT coach  
during the game.**

Introduce yourself and sit next  
to other team's coach(es) and  
alternate student(s).



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# Audience and Coach Rules

- **Be Quiet and Courteous** during competitions and in halls while other teams are competing
- **No writing**
- **No cell phones, cameras, or recording.** You may take photos before and after games.



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# Mobile Devices

**No cell phone, fancy watch, or tablet can be used in any competition room once the competition begins...**

**This means you, too 😊**



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# When Time Runs Out

When the timer sounds at the end of each half, the **current question is completed.**

*Except if it is a toss-up question AND the time runs out before the subject area is read.*

If the final question being read is a toss-up, the match will stop after after the paired Bonus Question is completed.



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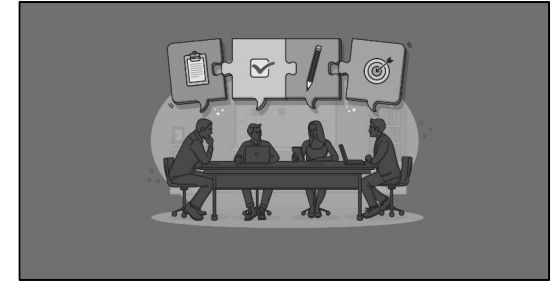
# Today's goals and agenda



**What is Science Bowl?**



**What is the schedule and logistics for the event?**



**How can you make the most impact?**

# Key parts of schedule (full schedule on next slides)

**9:30 - 12:00      Round Robin Competitions (MCHU, OAK, and ITE)**

**12:00 - 1:00      Lunch (MCHU, OAK, and ITE)**

**1:30 - 4:00      Double Elimination Rounds  
Wildcard Rounds  
Promise Bowl Programming**

**4:00 - 5:30      Championship Rounds**



# Staging and Set Up

- ✓ Load the box truck and pick up truck with supplies from E2
- ✓ Set up buzzer boxes and scoring stations in ~40 rooms
- ✓ Set up Science Bowl Central and Registration Area
- ✓ Organize/sort team shirts and folders by school
- ✓ Set up lunch and snack area

Time	Activity
7:30 AM	Volunteers Arrive
8:15 – 8:50 AM	Registration and Continental Breakfast

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Time	Activity
7:30 AM	Volunteers Arrive
8:15 – 8:50 AM	Registration and Continental Breakfast
9:00 – 9:15 AM	Opening Ceremonies
9:15 - 9:25 AM	Move to Round 1 Rooms <b>(Volunteers Escort)</b>
9:30 – 12:00 PM	Round Robin Competitions
12:00 – 1:00 PM	Lunch <b>(Volunteers help setup, escort, and monitor food)</b>
1:00 – 1:15 PM	Standings Update and Afternoon Assignments
1:15 – 1:25 PM	Move to Afternoon Round Rooms <b>(Volunteers Escort)</b>
1:30 – 5:00 PM	Regional Championship-Eligible Double Elimination Rounds
1:30 – 4:00 PM	Wildcard Rounds
3:30 - 5:00 PM	Snacks available <b>(Volunteers help setup and monitor food)</b>
4:00 – 5:00 PM	Wildcard Championship
5:00 – 5:30	Science Bowl Championships CT Championship Northeast Championship
5:30 – 6:00 PM	Awards and Closing Ceremony
6:00 -7:30 PM	Cleanup and Volunteer Dinner

Promise Bowl  
Programming



**The Promise Bowl Programming will include students who are not competing in the Science Bowl competition, and is designed to Inspire, Connect, and Inform.**

***Some activities we are dreaming of including:***



### Steps for Filling out a FAFSA

#### 1 Before Starting A FAFSA

Get organized.

- Determine your dependency status...
- FAFSA on the web worksheet.
- Search for school codes.
- Students and parents apply for a PIN.
- Check application deadline dates.

#### 2 Filling Out A FAFSA

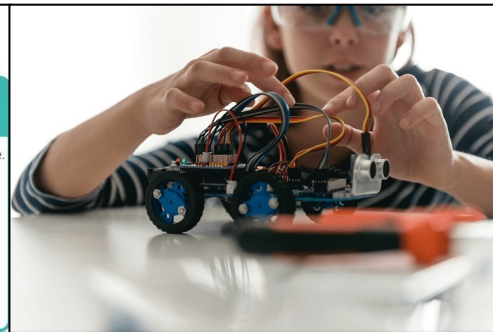
Fill out the application.

- Fill out your FAFSA.
- Open your saved FAFSA or correction application.
- Sign electronically with your PIN.

#### 3 FAFSA Follow-Up

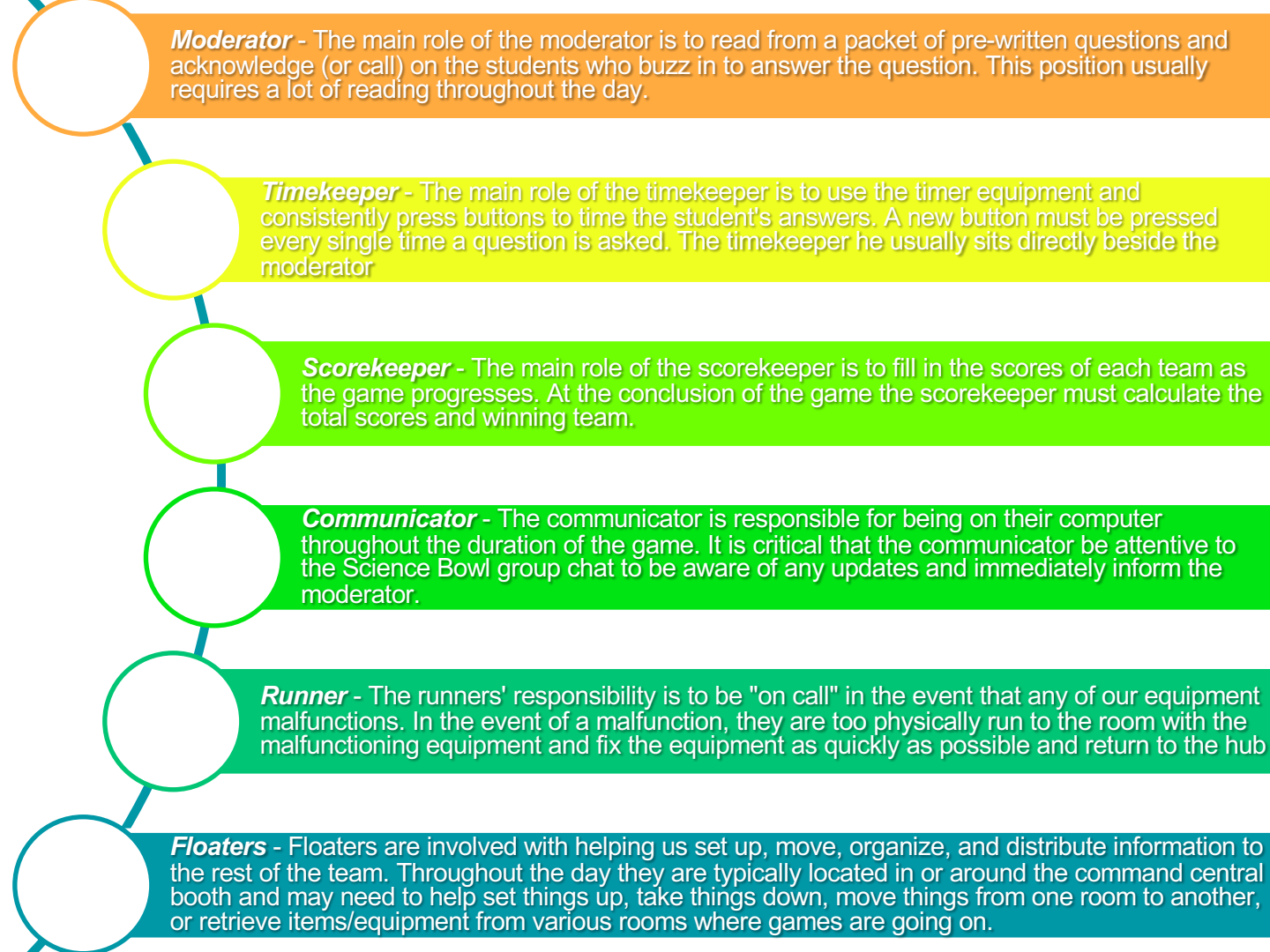
View your results online.

- Check status of a submitted FAFSA or print signature page.
- Make corrections to a processed FAFSA.
- Add or delete a school code.
- View and print your student aid report.



***Goal attendance:***

**100 high school students**

A vertical diagram on the left side of the page shows a series of six white circles connected by a blue line. Each circle is positioned to the left of a horizontal colored bar. The bars are orange, yellow, light green, green, teal, and dark teal from top to bottom. Each bar contains text describing a role. To the right of these bars are two dark blue boxes, one above the other, each containing text about facilitator roles.

**Moderator** - The main role of the moderator is to read from a packet of pre-written questions and acknowledge (or call) on the students who buzz in to answer the question. This position usually requires a lot of reading throughout the day.

**Timekeeper** - The main role of the timekeeper is to use the timer equipment and consistently press buttons to time the student's answers. A new button must be pressed every single time a question is asked. The timekeeper he usually sits directly beside the moderator

**Scorekeeper** - The main role of the scorekeeper is to fill in the scores of each team as the game progresses. At the conclusion of the game the scorekeeper must calculate the total scores and winning team.

**Communicator** - The communicator is responsible for being on their computer throughout the duration of the game. It is critical that the communicator be attentive to the Science Bowl group chat to be aware of any updates and immediately inform the moderator.

**Runner** - The runners' responsibility is to be "on call" in the event that any of our equipment malfunctions. In the event of a malfunction, they are too physically run to the room with the malfunctioning equipment and fix the equipment as quickly as possible and return to the hub

**Floater** - Floaters are involved with helping us set up, move, organize, and distribute information to the rest of the team. Throughout the day they are typically located in or around the command central booth and may need to help set things up, take things down, move things from one room to another, or retrieve items/equipment from various rooms where games are going on.

**Lead Facilitators –**  
Help present  
activities or content  
for Promise Bowl

**Facilitators –**  
Support and engage  
kids during activities  
or content for  
Promise Bowl

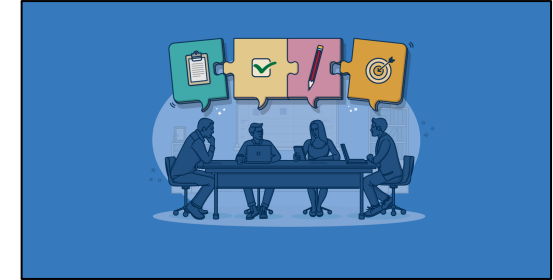
# Today's goals and agenda



**What is Science Bowl?**



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**How can you make the most impact?**

# Take pride in being amazing in your role

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News Media

Contact Us

Contact National Science Bowl®

Address

U.S. Department of Energy  
SC-27/ Forrestal Building  
1000 Independence Ave., SW  
Washington, DC 20545

Volunteers

Welcome Volunteers!

The NSB volunteers have been the key to the success of the National Science Bowl® for the past 30 years and we look forward to working with YOU to help make the 2023 National Science Bowl® even better!! If you are interested in volunteering at a regional competition between January 2023 and March 2023, please email [kelly.day@science.doe.gov](mailto:kelly.day@science.doe.gov)

Thanks for your interest in volunteering!

Volunteer Roles for Virtual NSB events:







Please see the following link for a [brief overview](#) of a virtual NSB event. Or please click here for more information on [virtual volunteer roles](#). There will be DOE led training sessions for all virtual volunteers.

Volunteer Roles for In-Person NSB events:

During the competitions, volunteers are assigned to be competition room officials:

Moderator: [\[pdf\]](#)

Shared with me > 2023 NSB Regional Coordinator File > Volunteer Public Folder > In-Person Volunteers > 

Name 	Owner	Last modified	File size
 2023 In-Person Volunteer Guide.pptx 			
 2023 In-Person Volunteer Roles NSB.pptx 			
 2023 In-Person Volunteer Training.pptx 			
 InPerson Volunteer Traing 011023.mp4 	Jan Tyler	Jan 11, 2023 Jan Tyler	358.6 MB
 InPerson Volunteer Training January 11 2023.mp4 	Jan Tyler	Jan 18, 2023 Jan Tyler	358.6 MB

**Practice and become confident in your role and the tasks you'll be asked to do**

Day	Time	Location	Goal
Sunday January 29, 2023	11 - 12 PM	Virtual <a href="https://uconn-cmr.webex.com/meet/sts07009">https://uconn-cmr.webex.com/meet/sts07009</a>	What is UConn's Science Bowl
Sunday February 5, 2023	11 - 12 PM	In person MCHU 102	Role Training
Sunday February 12, 2023	11 - 12 PM	In person MCHU 102	Role Practice
Sunday February 26, 2023	11 - 4 PM	In person MCHU 102	Full Dress Rehearsal

**Share your feedback and ideas to continue to improve**



# Help us recruit for the Promise Bowl and our Promise Programming

The New England Promise Regional Science Bowl is designed to support public high schools (public) in New England. We encourage schools that are new and schools that are experienced to apply to participate. This bowl will waive the registration fee for all accepted schools & teams (\$0 cost to you). A t-shirt and lunch for each participant will be provided.

This science bowl is designed to be equity-focused, and support the success of schools who meet at least one of the following criteria:

- More than 75% of the students in the school qualify for free or reduced lunch
- More than 75% of the students in the school identify as racially or ethnically underrepresented populations in STEM (i.e. Black, Hispanic, Latinx/e, Indigenous)
- More than 50% of the students you would like to bring to compete would be the first in their family to go to college (first generation)

***If you know of a teacher at a school that you'd like to have at this event, please reach out!***

**[Engr-hs-sciencebowl@uconn.edu](mailto:Engr-hs-sciencebowl@uconn.edu)**



A photograph of a large audience seated in a lecture hall. In the foreground, several large, ornate silver trophies are displayed on a table. The trophies vary in size, with the largest one on the right. The audience is diverse in age and is seated in rows of chairs. The hall has a warm, wood-paneled ceiling with recessed lighting. A black text box is overlaid on the top left of the image, and a yellow text box is overlaid on the middle left.

**Thank you for Volunteering for UConn's Science Bowl!**

**As “checking out” attendance,  
please put your name and  
something you learned today**