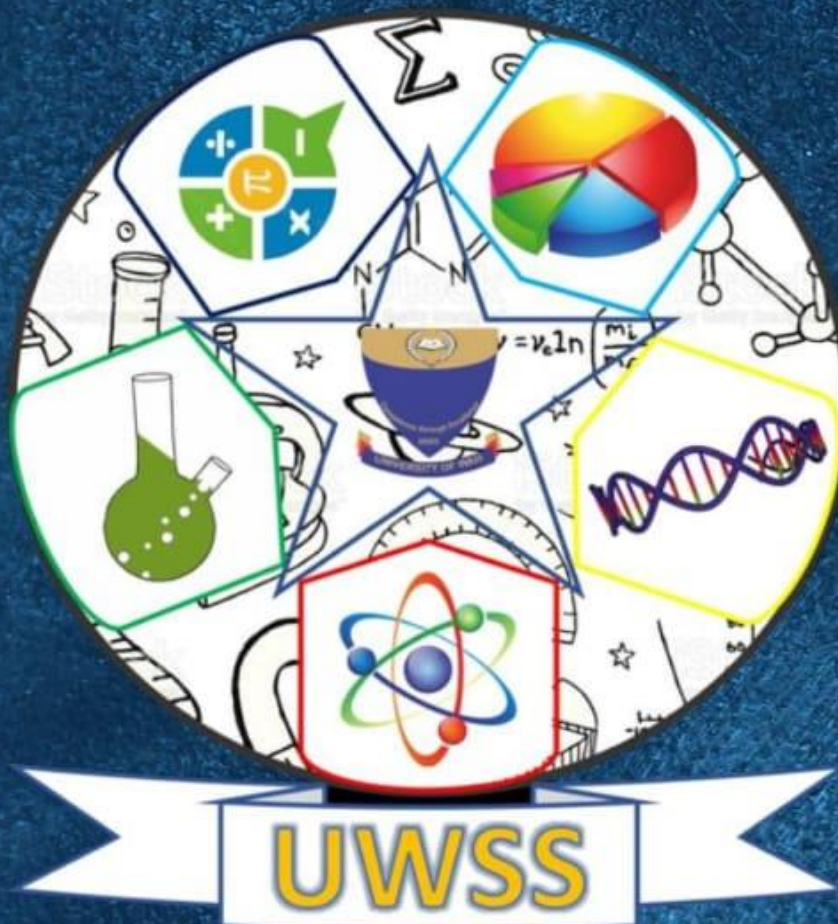




SCIENCE FUN GAMMA '24

A Hat-trick Celebration



9th January 2024



University of Wah, Wah Cantt



3rd UW Science Fun-Gamma 2024
A Hatrick Celebration



Event Schedule

Day (Tuesday 09th January, 2024)			
Time	Event		
08:00 AM-onwards	On Desk Registration for Modules		
08:30 AM-09:30 AM	Inauguration Ceremony Venue: UW-Auditorium		
9:30 AM-2.30 PM	Formal Start of the Modules		
MODULES			
Modules		Parallel Modules	
2 nd Module: STEM Quiz		1 st Module: Science Spectacles	
09:30 AM-10:30 AM	Venue: UW Auditorium	10:00 AM-02:00 PM	Venue: Labs of Faculty of Basics Sciences
6 th Module: Brain Rain		3 rd Module: Scienceflix	
10:30 AM-11:30 AM	Venue: UW Auditorium	10:00 AM-02:00 PM	Venue: UW Auditorium & E-Hall
7 th Module: Science on the Clock		9 th Module: Science Caravan	
11:30 AM-12:30 PM	Venue: UW Auditorium	10:00 AM-2:30 PM	Venue: Front Lawn UWLC & E-Hall
5 th Module: Science Marathon		10 th Module: Career & Education Expo	
12:30 PM-01:30 PM	Venue: UW Auditorium	10:00 AM-02:00 PM	Venue: Lecture Rooms Department of Physics
8 th Module: Science Olympiad		11 th Module: Lab Lives	
11:00 AM- 1:00 PM	Venue: Respective Departments of Basic Sciences	10:00 AM –02:00 PM	Venue: UW Lab Complex & Labs of Basic Sciences
4 th Module: Science Mockups (Poster and Model Competition)		14 th Module: SciDesign: Logo Challenge	
09:30 AM-12:30 PM	Venue: E-Hall	11:00 AM –12:00 PM	Venue: Conference Room UWLC
12 th & 13 th Module: Scientific Artistry & Scientific Sketching		15 th & 16 th Module: UW Got Talent & Kiosks	
9:30 AM-12:30 PM	Venue: E-Hall	9:00 AM-2:30 PM	Venue: Sports Ground
2.30 AM- 3.30 PM	Closing Ceremony Venue: UW-Auditorium		



3rd UW Science Fun-Gamma 2024



A Hatrick Celebration



Details of the Event:

Event Date: Tuesday 9th January, 2024

Keeping up with its yearly tradition, with the added promise of being bigger and better, University of Wah Science Society is back with another mega event “*3rd UW Science Fun-gamma’ 2024.*”

3rd UW-Science Fun-Gamma 2024: A Hat-trick Celebration is the ultimate playground for inquisitive minds. We believe that learning science should be as entertaining as it is educational. Our event is a fusion of fun and gamma rays of knowledge, igniting the spark of curiosity in every student who walks through our doors.

Join us at Science Fun-gamma and embark on a journey through the wonders of science, guided by passionate experts and filled with laughter and astonishment. Students from nearby institutes will have a chance to be familiar with recent advancements in Natural Sciences (Biosciences, Chemistry, Mathematics, Physics and Statistics) and to share their innovative ideas and collaborate at national level.

AIMS AND OBJECTIVES:

- To induce a passion for Natural Sciences among students.
- To provide exposure to college students about university life.
- To polish analytical and theoretical skills of students.
- To train students to conquer the real time challenges faced in discipline and industry.
- To develop strong communication and interpersonal skills to accomplish leadership roles.

History:

Launched in 2021, University of Wah Science Society provides a platform for fostering better understanding of science among members and the community. It has been organizing educational programs and seminars for science advocacy. UW Science Fun-gamma, first launched in 2022, has brought a new sense of learning with fun for students. It has inspired the next generation and motivated young minds to pursue careers in science (to the extent some winners of modules have gone on to be enrolled in BS Hons programs in University of Wah).



3rd UW Science Fun-Gamma 2024

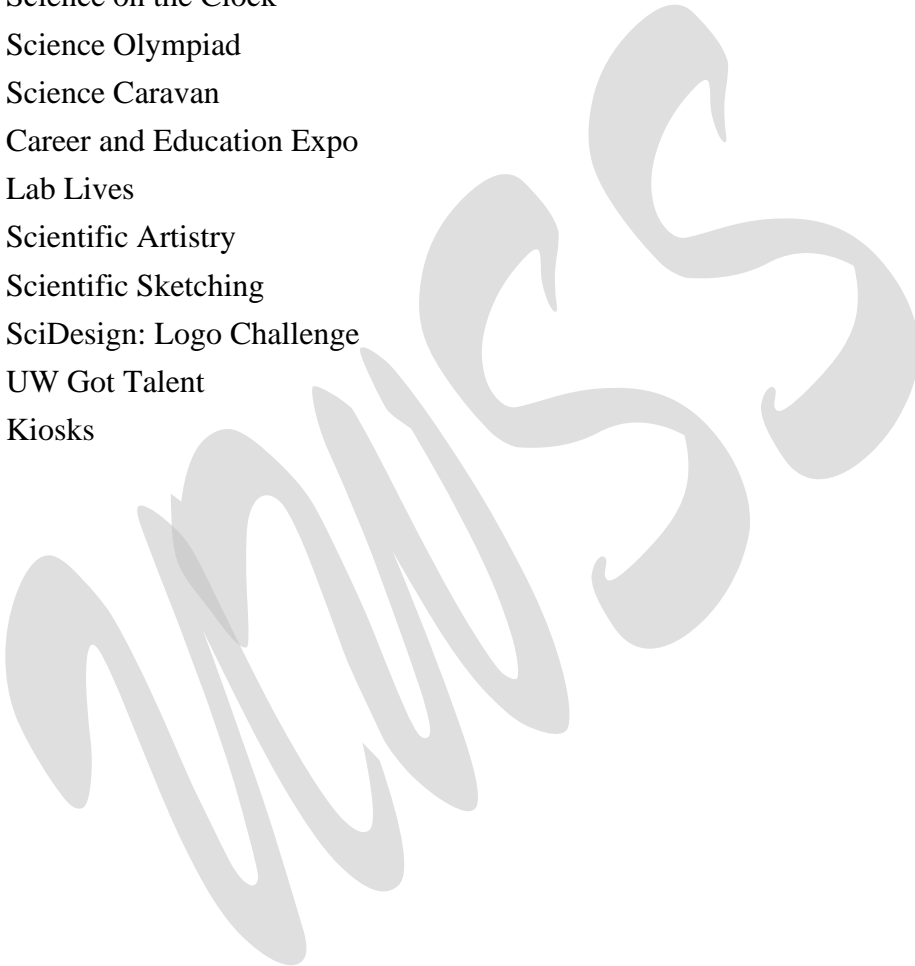


A Hatrick Celebration



MODULES

- ❖ Science Spectacles
- ❖ STEM Quiz
- ❖ Scienceflix
- ❖ Science Mockups
- ❖ Science Marathon
- ❖ Brain Rain
- ❖ Science on the Clock
- ❖ Science Olympiad
- ❖ Science Caravan
- ❖ Career and Education Expo
- ❖ Lab Lives
- ❖ Scientific Artistry
- ❖ Scientific Sketching
- ❖ SciDesign: Logo Challenge
- ❖ UW Got Talent
- ❖ Kiosks



**Module Details:****❖ Science Spectacles** (Where learning comes to life)

An electrifying journey through the worlds of Basic Sciences. From mind-bending physics experiments to fascinating biological phenomenon and dissections, it is a hands-on experience like no other. Join us in this immersive exploration and let the magic of science unfold before your eyes.

- Inside Out – (Frog and Flower dissections, Department of Biosciences)
- See Me – (Observing unicellular objects under a light microscope, Department of Biosciences)
- Bio-mystery (Demonstration of embryological development, Invertebrates phyla, Osteology, Department of Biosciences)
- Sehar-ul-Chemiya (Demonstration by Department of Chemistry)
- Rubic Dubic (Demonstration by Department of Statistics)
- Wonders of Physics (Demonstration by Department of Physics)
- Math Puzzles (Demonstration by Department of Mathematics)

Module	Module Head	Contact Number	Team	Reg Fee	Winner
Science Spectacles	Majeed Nadeem	0304 0805808	-	Free	-

❖ STEM Quiz (Fueling minds, igniting futures)

This Question Based Module is your gateway to the thrilling world of Science, Technology, Engineering and Mathematics. Participants will appear in teams to answer the question while the clock ticks away. There will be five separate categories (Biosciences, Chemistry, Physics, Mathematics and Statistics).

Module	Module Head	Contact Number	Team	Reg Fee	Winner
STEM Quiz	Fiza Bibi	0327 5638014	2-5	200 per head for UW, WEC, MDC 250 per head for Non-UW	Cash Prize



3rd UW Science Fun-Gamma 2024



A Hatrick Celebration

❖ **Scienceflix** (Science documentaries)

Stuffed with wonders and knowledge, selected documentaries will be played related to the most interesting and fantastic aspect of everyday science, in this module in the categories of Biosciences, Chemistry, Physics, Mathematics and Statistics.

Module	Module Head	Contact Number	Team	Reg Fee	Winner
Scienceflix	Irum Riaz	0309 5052136	-	Free	-

❖ **Science Mockups** (From Imagination to innovation: Science in Model and Poster)

This module will be divided into two types: **Poster Presentation** and **Model Presentation**. Participants will display their crafted models and designed posters that represent the forefront of scientific discovery and ingenuity. Whether it's the intricacies of biology, the precision of mathematics, or the marvels of physics, the molecular realms of chemistry or the analytical landscape of statistics, Science Mockup showcases it all. The size of the **scientific poster** for poster presentation is maximum up to **33 x 48 inches** including borders in portrait form (33 inches Width and 48 inches length).

Module	Module Head	Contact Number	Team	Reg Fee	Winner	Runner Up
Science Mockups	Areeba Sadia	0309 1787391	-	250 per head for UW, WEC, MDC 300 per head for Non-UW	Shield	Certificate

❖ **Science Marathon** (Every step makes you closer to your destiny!)

Probably the most famous module, participating teams will work through a series of clues to reach the target and final goal line. Crammed with fascinating puzzles and clues spread across the whole campus, each one leading to the next. To win this module, agility with wisdom will be tested in cracking the clues and puzzles.

Module	Module Head	Contact Number	Team	Reg Fee	Winner
Science Marathon	Sania Shaheen	0310 6862314	3-8	200 per head for UW, WEC, MDC 250 per head for Non-UW	Cash Prize



3rd UW Science Fun-Gamma 2024



A Hatrick Celebration

❖ Brain Rain (Let's crack it up!)

Brain Rain is designed to assess the participants' scientific knowledge related to Muslim scientists' contributions to the development of science. Teams will be required to guess the personality and invention while being provided the hints needed.

Module	Module Head	Contact Number	Team	Reg Fee	Winner
Brain Rain	Nosheen Akhtar	0305 8755991	2-5	200 per head for UW, WEC, MDC 250 per head for Non-UW	Cash Prize

❖ Science on the Clock (Share your knowledge and wisdom)

In this innovative module, students will be required to submit their own 3-minute videos, explaining topic provided, and get a chance to win cash prizes! The participants must send in their submissions at uwss@uow.edu.pk well before the deadline i.e., **Monday 8th January, 2024 (8.00 pm).**

Module	Module Head	Contact Number	Team	Reg Fee	Winner	Runner Up
Science on the Clock	Atiqa Arif	0325 5797949	Individual	250 per head for UW, WEC, MDC 300 per head for Non-UW	Shield	Certificate

❖ Science Olympiad (Explore the foundations of Basic Sciences in every question)

Designed to challenge and inspire, this program not only hones problem-solving skills but cultivates a profound understanding of beauty and significance of basic sciences. Participants can participate in physical, as well as online mode and will be required to solve and submit questions in a fixed amount of time.

Module	Module Head	Contact Number	Team	Reg Fee	Winner
Science Olympiad	Tasbia Babar	0348 5557541	Individual	200 per head for UW, WEC, MDC 250 per head for Non-UW	Shield



❖ Science Caravan (Igniting curiosity and passion)

This module presents a chance for all students alike to witness mind-blowing science experiments and phenomenon, courtesy of Pakistan Science Foundation. This will offer young college and university students a hands-on experience, fostering practical skills and a deeper understanding of scientific concepts.

Module	Module Head	Contact Number	Team	Reg Fee	Winner
Science Caravan	Muhammad Umair	03350554176	-	Free	-

❖ Career & Education Expo

Exploring career pathways in Basic Sciences, various industries will be present to conduct interviews with leading students of the graduating batch of the respective departments. Connect with potential employers and discover opportunities that align with your academic background and interests.

Module	Module Head	Contact Number	Team	Reg Fee	Winner
Career and Education Expo	Yumna Zafar	0331 8371094	-	Free	-

❖ Lab Lives

Students from colleges and other universities will visit research labs in groups to get familiar with the research facilities available at University of Wah.

Module	Module Head	Contact Number	Team	Reg Fee	Winner
Lab Lives	Gul Afshan	03055682203	-	Free	-



❖ Scientific Artistry

Themes:

- i. Quantum Realms (Capturing the mysterious nature of quantum physics)
- ii. Micro bio art (Merging science and creativity to visually depict bacteria, viruses, and other microorganisms)
- iii. Solar System
- iv. Global Warming
- v. Ecosystem dynamic
- vi. Fractal Geometry (Exploration of intricate, self-repeating patterns in vibrant colors)
- vii. Renewable energy
- viii. Ephemerals states (Dynamic transformations of molecules)
- ix. Water Pollution
- x. Statistical Distributions (Use colors, shapes, and spatial arrangements to convey statistical concepts.)

Module	Module Head	Contact Number	Team	Reg Fee	Winner	Runner Up
Scientific Artistry	Tehreem Dua	0333 5625739	-	200 per head for UW, WEC, MDC 250 per head for Non-UW	Shield	Certificate

❖ Scientific Sketching

Themes:

- i. Portrait of Famous Personality from Science
- ii. Portrait of Muslim Scientists
- iii. Sketching on given science task

Module	Module Head	Contact Number	Team	Reg Fee	Winner	Runner Up
Scientific Sketching	Saleha Basri	0316 5961499	-	200 per head for UW, WEC, MDC 250 per head for Non-UW	Shield	Certificate

❖ SciDesign: Logo Challenge (Out with the old, in with the new!)

Participants will be given a chance to draw the new logo of University of Wah Science Society. They will be required to send in their submissions at uwss@uow.edu.pk till **Monday 8th January, 2024 (8.00 pm)** and the winner will be awarded with a prize and has a chance to be used as the official logo of UWSS.



3rd UW Science Fun-Gamma 2024



A Hatrick Celebration



Module	Module Head	Contact Number	Team	Reg Fee	Winner
SciDesign: Logo Challenge	Aila Malik	0323 9868504	-	200 per head for UW, WEC, MDC 250 per head for Non-UW	Shield

❖ UW got Talent (Just tout your talent out!)

This audience-favorite module continues periodically to change the taste of technical modules. Students can participate and get the chance to win gifts and prizes.

- Show your Vocals
- Poetry Reading
- Declamation
- Acting Skills
- Musical Chair

Module	Module Head	Contact Number	Team	Reg Fee	Winner
UW Got Talent	Abdul Rafah	0308 8525649	-	200 per head	Cash Prize

❖ Kiosks

There will be various stalls at the allocated vicinity of UW

- Chemicals & Glassware
- Books
- Instruments
- Food
- Others (Medical)

Module	Module Head	Contact Number	Reg Fee	Winner	Runner Up
Kiosks	Usman Tahir	0319 5514726	3500	Shield	Certificate



3rd UW Science Fun-Gamma 2024



A Hatrick Celebration



Registration Process

1. Registration can be done in three ways :

- Through our website <http://www.uow.edu.pk/uwss/>. Generate your voucher and attach a copy of paid voucher in the form.
- Through Google Form Link <https://forms.gle/vjhJWiNSSAsYJcAf6> Submit the required registration fees in Easy Paisa or Jazz Cash Account at 03350554176 (Muhammad Umair). Attach a screenshot of receipt.
- On-Desk registrations in UW and WEC Campus.

2. Participants can pay registration fee on desk in campus or in the Easy Paisa or Jazz Cash Account

3. Easy Paisa / Jazz Cash account is 03350554176 (Muhammad Umair).

4. As per team registrations every team member will pay the registration fee individually

5. Please upload your paid receipt.

6. Once payment has been confirmed, participants can enter the premises of UW Science Fun-Gamma.



3rd UW Science Fun-Gamma 2024



A Hatrick Celebration

Rules and Regulations

1. The registration fee must be paid for everyone separately, i.e., for every team member
2. Minimum and maximum members in a team are written under the “Team” label.
3. To register, you must be currently a student at an educational institute.
4. Bring your student ID card with you.
5. Participants should bring CNIC for their identification and event card (issued by the Team UWSS).
6. Participants must reach the required venue for their module at least 15 minutes prior.
7. Participant can bring their family guests (CNIC will be required) by taking an additional entrance pass from the Team UWSS.
8. UWSS has the right to drop any event or change the prize money in case of unforeseen events.
9. All participants are required to respect the prestige of the University of Wah Campus. Any damage to university property or aggressive behavior within the campus premises will be dealt according to campus disciplinary policy.
10. Any sort of misbehavior, offensive attitude, fighting and/or use of abusive language shall not be tolerated in the campus.
11. Smoking within the campus premises is not allowed.



3rd UW Science Fun-Gamma 2024



A Hatrick Celebration



Contact Information

Information line and Invitation:

Ms Zeenat Haq | +92 3075624609

Mr. Muhammad Umair | +92 335 0554176

Ms. Khair-un-Nisa | +92 313 5021819

Web Link:

<http://www.uow.edu.pk/uwss/>

Email Address:

uwss@uow.edu.pk

uwss