



PACS, Inc.

Philippine Association of Chemistry Students, Inc. A.Y. 2024-2025

Primary Address

Secondary Address

DepEd Regional Office No. 02

23 September 2024

Benjamin D. Paragas
Regional Director
DepEd Regional Office II



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Dear Mx. Paragas,

The Philippine Association of Chemistry Students Incorporated, or PACS, Inc. is a national, non-stock, non-profit organization geared towards the awareness and improvement of chemistry in the Philippines. In the 60 years since it was established, the organization remains true to its pursuit of academic advancement in the chemical sciences, scientific excellence, and socio-cultural involvement.

As part of our commitment to promote academic excellence especially in the field of chemistry, we organize academic related-activities that serve to stimulate scientific awareness to students such as the **Junior Chemistry Congress (JCC)** that will be held on **November 17, 2024 via Zoom** (online activities) and **November 24, 2024 at the Pamantasan ng Lungsod ng Maynila** (for Face-to-Face activities). JCC is an annual academic event of PACS, Inc. that promotes the chemical sciences for high school students to pursue in their undergraduate studies through various subevents.

For this year, JCC's theme will be **"Chelate: Binding ties of Chemistry and Society"** that encapsulates the deep interconnection of Chemistry and Society. JCC will hold its two sub-event online, **PACSymposium Jr.** which involves a series about Chemistry in our lives, as a college course, and as a profession. **TumPACS Jr.** which is a chemistry video-making sub-event and meme-making competition to further scientific knowledge about chemistry using social media. The other two sub-event will be held face-to-face at the Pamantasan ng Lungsod ng Maynila. **PACSiyesiya Jr.** which is a research presentation event that aims to nurture promising innovations through a thorough screening by a panel of well-versed researchers and professionals in various fields. Lastly, **PACSiiklaban Jr.** which is the annual Chemistry Quiz Bee competition of PACS, Inc., designed for high school students in grades 10-12 across the nation.

In hopes to boost the Junior Chemistry Congress 2024, we **humbly request for your help in the promotion of the event to different high schools within your jurisdiction.** We are planning on sending them formal invitations and providing us a directory that could facilitate a direct communication with them would be of great help. Rest assured that any information you will give us shall only be used for the purpose that it may serve in compliance with the RA 10173 or the Data Privacy Act of 2012. Also, the association respectfully requests an advisory to facilitate the promotion of our event and to ensure compliance with the guidelines established by the Department of Education.



 /pacsinc



PACS, Inc.

Philippine Association of Chemistry Students, Inc. A.Y. 2024-2025

Primary Address

Unit 205 - 2nd Floor, U.P. Tower A, High Road,
Marikina City

Secondary Address

2nd Floor of One and Engineering College in Engineering Unit
Agri-Industrial Complex, Marikina City

ORGANIZATIONAL PROFILE

The Philippine Association of Chemistry Students Incorporated (PACS, Inc.) is a strong and dynamic national student organization of proactive and conscientious Filipino Chemistry students committed to upholding excellence in the study and application of chemistry, which is responsive to the needs of the nation. Its population is composed of undergraduate chemists, biochemists, chemical engineers and other professions tied together by the chemical sciences.

Since its establishment in 1964, PACS, Inc. continues to promote the advancement and application of science, particularly chemistry, to all Filipino students through spearheading various projects and activities aimed towards increased competence in chemistry, scientific excellence, and socio-cultural awareness. It now houses more than 1000 individual members and alumni from its 17 different affiliate organizations nationwide, and its two (2) chapters - PACSVis and PACSMin.

With similar endeavors, PACS, Inc. also serves as the student arm of the Philippine Federation of Chemistry Societies (PFCS), an umbrella organization founded in 1988 to reach and provide service to professional chemists, chemical technicians, educators, students, and professionals in the allied disciplines.





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Primary Address:

John M. Argonson Professor of Chemistry
Chemical Engineering

Secondary Address:

Department of Chemistry, University of the Philippines - Diliman
College of Science, University of the Philippines - Diliman

- E. To provide a platform to facilitate students and experts' knowledge exchange.

III. Event Heads

- A. Overall Head: Jeffson Escartin
B. Overall Subhead: Jon Matthew Monakil

IV. Theme

- A. Chelate: Binding ties of Chemistry and Society

V. Tentative Venue & Date

- A. Week 1 - November 17, 2024; Zoom Workplace
B. Week 2 - November 24, 2024; Pamantasan ng Lungsod ng Maynila (tentative)

VI. Program Flow

- A. Week 1: PACSymposium Jr. (refer to PACSymposium Jr. Proposal)
B. Week 2: PACSiklaban Jr., PACSiyensiya Jr., and Awarding Ceremony

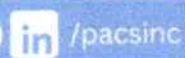
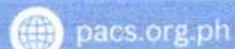
Time	Duration	Activity	Venue	Person/s in-charge
8:00 AM - 8:15 AM	15 mins	Ingress	JAA	Ushers
8:15 AM - 8:20 AM	5 mins	Opening Spiel		Hosts
8:20 AM - 8:25 AM	5 mins	Opening Remarks		Hosts
8:25 AM - 8:30 AM	5 mins	Rules & Regulations of PLM & PACS, Inc.		Advisers



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X @pacsinc1964





		Winners		Sub-committee Heads
2:40 PM - 2:50 PM	10 mins	Awarding of PACSiklaban Jr. Winners		Host, President, Sub-committee Heads
2:50 PM - 2:55 PM	5 mins	Photo Ops		Attendees
2:55 PM - 3:00 PM	5 mins	Closing Remarks		President
3:00 PM - 3:05 PM	5 mins	Closing Spiel		Hosts
3:05 PM - 3:30 PM	25 mins	Egress		Ushers

VII. Awards/Prizes

PACsiklaban Jr. 2024

- 1st Place – Cash prize, 4 Medals, Certificate
- 2nd Place – Cash prize, 4 Medals, Certificate
- 3rd Place – Cash prize, 4 Medals, Certificate

PACSiyensiya Jr. 2024

- 1st Place - Cash prize, 3 Medals, Certificate
- 2nd Place - Cash prize, 3 Medals, Certificate
- 3rd Place - Cash prize, 3 Medals, Certificate
- Special Awards
 - Best Presenter - Certificate



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Department of Chemical Engineering, College of Engineering
University of Technology, P.O. Box 108, Cebu City

- o Best Poster – Certificate

TumPACS Jr. 2024 – Video Making

- 1st Place – Cash prize, E-Certificate
- 2nd Place – Cash prize, E-Certificate
- 3rd Place – Cash prize, E-Certificate

TumPACS Jr. 2024 – Meme Making

- 1st Place – Cash prize, E-Certificate
- 2nd Place – Cash prize, E-Certificate
- 3rd Place – Cash prize, E-Certificate

VIII. JCC Kit (for F2F participants only)

A. Inclusions:

1. Paper bag
2. Food coupons
3. JCC 2024 Notepad
4. Ballpen
5. Snacks

IX. Important Dates

Activity	Date	Time
Start of Registration	September 24, 2024 (TUE)	5:00 PM
End of Registration (PACSiklaban Jr., TumPACS Jr. & PACSiyensiya Jr.)	October 16, 2024 (WED)	5:00 PM
Posting of TumPACS Jr. Memes	October 23, 2024 (WED)	5:00 PM





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1111 Lungsod ng Maynila, 1000 Manila, Philippines

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Posting of TumPACS Jr. Videos	October 28, 2024 (MON)	5:00 PM
End of Registration (PACSymposium Jr.)	October 31, 2024 (THURS)	5:00 PM
End of TumPACS Jr. Online Voting	November 13, 2024 (WED)	5:00 PM
PACSymposium Jr.	November 17, 2024 (SUN)	9:00 AM - 3:00 PM
PACSiYensiya Jr. & PACSiklaban Jr.	November 24, 2024 (SUN)	8:00 AM - 3:00 PM

PACSiklaban Jr.

I. Sub-Event Heads

- A. Juan Miguel Carandang - PLM TCS
- B. Kim Lyka Pamanano - PLM TCS

II. Sub-event Guidelines

PACSiklaban Jr. is a quiz bee competition that serves as a venue for high school students all over the country to showcase their knowledge in chemistry in the spirit of sportsmanship and competitiveness. Students are challenged on questions and problems in the field of chemistry to gauge the extent of their aptitude in the chemical sciences.

A. Registration

1. The competition is open to all Grades 10, 11 and 12 high school students in the country and will be held onsite at the **Pamantasan ng Lungsod ng Maynila on November 24, 2024 (JCC Week 2) at 8:00**



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Agriculture, USTC, Marikina City, Philippines

AM. Note that the venue may be subject to changes and will be discussed in separate guidelines that are to be followed.

- Participating schools must signify their intent to join the competition by filling out the registration form found at <https://bit.ly/JCC24PACSiklabanJr> **on or before October 14, at 5:00 PM.** There will be no onsite registration.
- A maximum of two (2) teams from the same school can participate in the competition composed of **three (3) members**, and at least **one (1) reserve**. All of which must be a bona fide Grades 10, 11 and 12 high school student of the school.
- Participating teams per school must pay **PHP 1500** for **early registrants** (registration from **September 24, 2024 to October 5, 2024**) and **PHP 1800** for **late registrants** (registrations from **October 6, 2024 to October 16, 2024**). Kindly attach the proof of payment within the online registration form to confirm the participation. The fee will be inclusive of the participating teams' **JCC kit**, including their **onsite IDs** for the event, **meal and certificates of participation** for the participants and the coaches.
- Registration fees must be settled via the following bank account or GCash:
Account Name: Philippine Federation of Chemistry Societies, Inc.
Bank: BPI - Loyola - Katipunan Branch
Account Number: 3081 1189 13
- Once the payment for the event is received and submitted for registration, the fee collected is **NON-REFUNDABLE** and **NON-TRANSFERABLE** under all circumstances. Submitting the form with the proof of payment attached means that the participant understands the term and condition for the registration fee.





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Department of Chemical Engineering, College of Engineering and
Agri-Industrial Technology, University of the Philippines - Los Baños

7. Confirmation of registration will be held onsite at 8:00 AM onwards. Participants' information including the name and school will be checked.
8. In case the team changes a member for the team's roster, kindly send the names to pacsincorporated@gmail.com with the email subject of "[JCC2024 PACSiklaban Jr. Roster Change]" on or before **October 20, 2024 (SUN) , at 11:59 PM**. Roster changes beyond the set date will be under deliberation with the committee while changes during the event proper will not be entertained.
9. During the event, the participants must be in their proper and **complete school uniform** with their **school ID** cards worn. The **JCC ID** cards should be worn as well at all times.
10. Only the **first 30 teams** who registered for the event will be accepted considering the capacity of the venue.

B. Manner of Holding the Contest

1. Questions for the contest will cover **(a) General Chemistry, (b) Basic Organic Chemistry, (c) Basic Biochemistry and (d) Basic Analytical Chemistry**.
 - a. General Chemistry questions shall cover topics on:
 - i. *Matter and Its Properties*
 - ii. *Phase Changes*
 - iii. *Stoichiometry*
 - iv. *Chemical Reactions and Chemical Equations*
 - v. *Gasses*
 - vi. *Electronic Structure of Atom*
 - vii. *Chemical Periodicity*
 - viii. *Molecular Geometry and Bonding Theories*
 - ix. *Solutions*
 - x. *Basic Thermochemistry*



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C. The Contest Proper

1. The contest will be divided into three (3) parts: **Easy, Average, and Difficult** rounds. Each round is composed of **twelve (12)** questions.
2. An **elimination process** will be implemented **after the Average round**. Specifically, **only the top 10 scores** from the combination of Easy and Average rounds **shall proceed to the Difficult round**.
3. After determining the teams who will proceed to the Difficult round, the scores will reset to 0.
4. The pointing system for the duration of the game will be as follows:

	Easy	Average	Difficult
Correct Answer	+3	+5	+7
Incorrect Answer	0	-1	-2
No Answer	0	-1 (two consecutive no answer)	-2 (two consecutive no answer)

5. A deduction, based on the pointing system, will be enforced for two consecutive unanswered questions. Subsequent unanswered questions following these two will result in further deductions.



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6. Calculators are allowed for the whole duration of the competition with its covers removed before the event and shall be inspected by the facilitators. Pocket computers, mobile phones and programmable calculators are not allowed. Link: [Allowable Calculators by PRC](#)
7. Each team will have a flagger/ facilitator.
8. Substitution of players will only be allowed after each round finishes. A maximum of **2 minutes** will be given to the participants to complete their team for the next round.
9. Restroom breaks will only be allowed after the Average round.
10. The competition will start at exactly 09:00 AM. Late participants will still be allowed to join the competition; however, they are to start and continue from the point or stage they've arrived at.
11. Each participating school will be provided with the official answer sheet (white board) along with a black white board marker for writing their final answers. Participants may use the scratch and pen given to them by the organizers for their solution. However, only the answer/s written on the white board will be acknowledged.
12. Participants are not allowed to bring books, notebooks and any form of notes and review materials during the contest proper as all necessary information shall be provided by the organizers. Likewise, bringing a periodic table is prohibited as each team will receive a copy of the periodic table from the event organizers.
13. The time limit for each question will be announced before the question is read. Questions shall only be read twice and will be flashed through a projector for everyone's convenience.
14. Contestants are only allowed to write on the answer sheets and scratch papers **after the "Go" signal**. Failure to do so shall merit the team no point for that question regardless of their answer.



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15. All numerical answers shall be reported in the proper significant figures or decimal places as stated in the question. The rules of which are patterned from **Brown, et. Al., (2017). Chemistry: The Central Science. 14th Edition. Pearson Publishing.**
16. Final answers for each question shall not have erasures.
17. Participants must keep their answer sheet raised until all answers have been acknowledged by the quizmaster.
18. Coaching from the audience during the contest proper shall be forbidden. Any team incurred for coaching will be disqualified.
19. Any form of cheating is punishable by disqualification.

D. Determination of Winners

1. The team with the highest score after the difficult round will be declared Champion for PACSiklaban Jr. 2024. The **second** and **third** placers shall be declared the **first** and **second** runners-up, respectively.
2. In case of a tie for any of the top three (3) positions after the difficult round, a **Clincher round** shall be conducted to break the tie. The clincher round will be composed of three questions one from each difficulty round. The **pointing system will be the same** as the delegation of points for the easy, average, and difficult questions which are 3, 5, and 7 points respectively. There will be no deductions of points for every **incorrect** and/or **no-answer** question for the Clincher round. The result of the clincher round shall determine the final ranking.
3. In case of an unresolved tie, a **Do or Die question** shall be asked. Contestants are only allowed to answer once for every question. The first team to answer correctly shall be declared the winner. Do or Die questions shall be given until all top three (3) places are won with no ties.



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Time	Duration	Activity	Venue	Person/s in-charge
9:00 AM - 9:10 AM	10 mins	Short introduction of Judges	Raha Soliman Gym/ University Activity Center	Hosts
9:10 AM - 9:55 AM	45 mins	Easy Round		Quiz master
9:55 AM - 10:40 AM	45 mins	Average Round		Quiz master
10:40 AM - 11:25 AM	45 mins	Difficult Round		Quiz master
11:25 AM - 11:30 AM	10 mins	Tallying of Scores		Scorer and Tech Comm
11:30 AM - 11:45 AM	15 mins	Clincher (if necessary) and/or Reminders		Quiz master or Hosts
11:45 AM - 12:00 PM	10 mins	Closing Remarks		Heads



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Atty. J. R. Llagas, Jr. - Legal Counsel
West Block, 1st Floor

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Department of Chemical Engineering, University of Engineering and
Agriculture, Los Baños, Laguna, Philippines

PACSiYensiya Jr.

I. Event Subheads

- A. Ma. Antonia Louise R. Llagas - PUP CS
- B. Jean B. Malazarte - PUP CS

II. Sub-event Guidelines

General Mechanics

Screening of Entries

Exhibit and
Pre-Judging

Oral Presentation

PACSiYensiya Jr. will be divided into three (3) general segments: (1) Screening of entries; (2) Exhibit and pre-judging and (3) Oral presentation, wherein the qualified participants will be presenting their submitted work and will be subjected to questioning.

A. Registration and Participants

1. The participants shall fill out an online registration form found at <https://bit.ly/JCC24PACSiYensiyaJr> on or before October 16, 2024, at 11:59 PM.
2. All Participants are required to attend the face-to-face event at the Pamantasan ng Lungsod ng Maynila, Justo Albert Auditorium (JAA), and are expected to be at the event during the Junior Chemistry Congress Day 2 (November 24, 2024), at 8:00 AM for their onsite registration and preparation of exhibit posters. Note that the venue may be subject to changes and will be discussed in separate guidelines that are to be followed.



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P.O. Box 12000, San Carlos, Negros Occidental, Philippines

Secondary Address

Department of Chemistry, Engineering, Technology, and Design
Agro-Industrial Technology, University of the Philippines - Los Baños

- Participants for the event will be asked for a registration fee and will be generally classified as stated. The registration fee for the participants will be inclusive of the JCC kit, certificates of participation for the researchers and coaches, meals, and slot for the sub-event and PACS Symposium Jr. The table below shows the delegation of the fees:

Early registration rate (September 24, 2024 to October 08, 2024)	PHP 1200
Regular registration fee (October 08, 2024 to October 16, 2024)	PHP 1500

- Registration fees must be settled via the following bank account or GCash:

Account Name: Philippine Federation of Chemistry Societies, Inc.

Bank: BPI - Loyola - Katipunan Branch

Account Number: 3081 1189 13

- Once the payment for the event is received and submitted for registration, the fee collected is NON-REFUNDABLE and NON-TRANSFERABLE under all circumstances for the QUALIFIED participants. However, participants that are NOT QUALIFIED for the event will be given a REFUND. Submitting the form with the proof of payment attached means that the participant understands the term and condition for the registration fee.
- No fees are to be collected for the onsite registration for the participants, as the registration fee must be settled via the online registration.
- During the event proper, the participants' information, including their names and their school, will be checked for confirmation. Participants must sign the form provided by the event facilitators as





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TOTAL

100%

- Papers will be screened to ensure that all entries are related to chemistry. Registrants will be notified of the results via email on November 4, 2024 (MON), at the latest. All fifteen (15) official participants must prepare a poster and PowerPoint Presentation for the event.

C. Exhibit and Pre-Judging

- Qualifying participants are required to make and prepare a poster about their research.
- The posters must contain the following specifications:

Poster (paper) size	58 (length) x 35 (width) inches
Image size	44 x 34 inches
Resolution (for tarpaulin)	at least 72 dpi for Adobe Photoshop
Text size	Readable for about 1-2 meters
Material	Tarpaulin/Tarpapel (paper-based)

- The title banner for the posters must be placed at the top of the posters and should have the following specifications:

Title	The letterings should have a height from 15 mm (minimum) to 20 mm (maximum). The title should not occupy an excessive amount of space.
Name of Authors	This includes the student/s and their adviser/s name/s. The letterings should have a height





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Department of Chemical Engineering | College of Engineering |
Agri-Industries Institute of Technology | Marikina City, Philippines

	of 10 mm. The name of the student/s should be written in alphabetical order (Surname, First Name and Middle name initials, e.g. Dela Cruz, J.). The name of the adviser/s (without the extensions) should be written after the student/s name preceded by the word "and" following the same format.
School	This includes the complete name and address of the school. It should have the same size as the name of the author/s. Placed below the name of the author/s at a height of 8 mm.
Logo	The logo of the school may be placed on either left or right side of the title banner aligned to the name of author/s and school

4. Additionally, the text must be clear and concise. Use of illustrations and graphs are allowed and may be used generously and the posters must contain the following sections:

SEGMENT	DESCRIPTION
Introduction	Include short background information, statement of the problem, significance of the study and objectives. Use phrases or words only.



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Department of Chemical Engineering, Ateneo de Manila University
Ateneo Center, Ateneo de Manila University, Manila, Philippines

Methodology	Prepare a systematic presentation of the methods, use schematic diagrams or flow-charts
Results	Use diagrams, table and/ or illustrations for the results
Discussion	Include an in-depth analysis and interpretation of the findings
References	Should include the major references used in the study. The American Chemical Society (ACS) format should be used in citing references.

- For printing, use appropriate foreground/ background combinations (e.g. dark colored text on light colored background and vice versa). During printing, ask for available software and appropriate versions that may be used for the poster layout.
- The posters should have a back-up file uploaded to an external hard drive or via Google Drive to prevent any technical mishaps.
- The posters must be presented upon the onsite registration which will start at 7:45 AM - 8:15 AM for checking. Failure to comply with the deadline will disqualify the poster for the competition.
- The mounting and setting up of posters will start at 7:45 AM until 8:15 AM. The mounting of posters shall be done by the participants with the assistance of the facilitators. All the materials will be provided for the event proper.
- Participants should be present in front of their posters during the poster presentation to entertain any questions the general audience (co-participants and society representatives of PACS, Inc.) may have.
- Note that the questions that would be asked for the presentation of posters are not part of the judging process for the qualified papers.
- The authors should be responsible for their posters during the exhibit. The organizers are not responsible for lost/ damaged/ vandalized posters.





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Diliman, Quezon City, 1101

12. The posters will be judged using the following criteria:

CRITERIA	PERCENTAGE
Organization	40%
Completeness	25%
Originality	25%
Visual Aesthetics	10%
TOTAL	100%

13. The posters will be removed after the oral presentations.

D. Oral Presentation and Defense

1. The six (6) highest-scoring participants in the poster presentation and the research paper criteria will proceed to the oral presentation.
2. Qualified within must create a PowerPoint presentation containing their research project.
3. Presentations by the participants must be emailed to pacsincorporated@gmail.com with the subject [JCC 2024: Presentation (School)] not later than November 18, 2024, at 11:59 PM in .ppt format. Do not abbreviate the school name.
4. Top scoring participants will be given at most seven (7) minutes to present their works. After the presentation, a question-and-answer portion will be led by the panel for a minimum of 7 minutes and a maximum of 12 minutes.
5. The time for presentation will start after the first word spoken by the qualified participants.
6. Qualified participants will be assisted in the event proper for their presentation.
7. All three (3) participants will be allowed to answer during the question-and-answer portion. Participants must not answer simultaneously.



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8. The participants will be judged using the following criteria:

CRITERIA	PERCENTAGE
Depth and Cohesion of Discussion (Of the presentation itself)	30%
Communication skills (i.e., confidence, fluency, ability to express thoughts amidst the pressure)	15%
Mastery (i.e., ability to answer the question correctly)	40%
Presentation (Conciseness, visual appeal)	15%
TOTAL	100%

E. Contents

For the PowerPoint presentation, the text must be clear and concise. Use of illustrations and graphs are allowed and may be used generously. The texts must not come directly from the submitted study itself and should not exceed seven (7) lines per slide. The PowerPoint presentation should include the key parts of the following:

SEGMENT	DESCRIPTION
Introduction	Include short background information, statement of the problem, significance of the study and objectives. Use phrases or words only.
Methodology	Prepare a systematic presentation of the methods, use schematic diagrams or flow-charts
Results	Use diagrams, table and/ or illustrations for the results
Discussion	Include an in-depth analysis and interpretation of the findings





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References

Should include the major references used in the study. The American Chemical Society (ACS) format should be used in citing references.

F. Other Matters

1. Feedbacks of the panel regarding their research entry may be given upon request.
2. For any questions or concerns related to the event, send an email to pacsincorporated@gmail.com. Expect replies from Monday to Friday at 8:00 AM to 5:00 PM.

III. Program Flow

Time	Duration	Activity	Venue	Person/s in-charge
7:45 AM - 8:15 AM	30 min	Onsite Registration and Hanging of Posters	JAA	Events & Productions
8:15 AM - 9:00 AM	45 min	Opening Ceremony		
9:00 AM - 9:05 AM	5 mins	Event Opening		Hosts
9:05 AM - 9:10 AM	10 mins	Panelists Introduction		Hosts





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9:10 AM - 10:10 AM	1 hr	Exhibit and Prejudging of posters		Panel, Participants
10:10 AM - 10:20 AM	10 mins	Deliberation for Finalists research entries		Panels, Participants
10:20 AM - 11:55 AM	1 hr and 35 mins	Oral presentations of Top 6 (Each group will be given 7 mins to present and 12 mins for the quotations to a total of 19 mins per group)		Panels, Participants
11:55 AM - 12:00 PM	5 mins	Closing Remarks		Event Sub-Heads

PACSymposium Jr.

I. Event Subheads

- A. Paul Justin D. Tarroza - PLM TCS
- B. Myke Vincent Garcia - UST BCS

II. Sub-event Guidelines

A. Registration and Venue



PACS, Inc.

Philippine Association of Chemistry Students, Inc. A.Y. 2024-2025

Primary Address

Unit 2417, 24th Floor, Tower 1, Skyway Mall
Alabang, Muntinlupa City

Secondary Address

Department of Chemical Engineering, University of the Philippines
Alabang, Muntinlupa City, Philippines

1. Interested participants shall complete an online registration form via this link: bit.ly/JCC24PACSymposiumJr on or before October 31, 2024 (THURS), at exactly 5:00 PM. The event will be open to high school and university students who wish to attend the symposium. High school participants, however, will be prioritized during registration. Moreover, participants of other sub-events who want to join the event are still to register using the link.
2. The symposium will be held online via a Zoom meeting on November 17, 2023, at 9:00 AM. Due to the limited number of participants (300 participants) the videoconferencing platform, Zoom can accommodate, a Facebook Live to be initiated by the Junior Chemistry Congress' Facebook page will be made available for the public.
3. Participants' registration for the said online sub-event will be free of charge. Participants will be generally classified as Guests/Non-PACS, Inc. members, PACS, Inc. individual members, and Participants during the online event for recognition. The table as follows shows the delegation of the fees:

High School Participants	Free of Charge
University Participants/Non-PACS, Inc. members	Free of Charge
PACSiyensya Jr. Participants	Free of Charge
TumPACS Jr. Participants	Free of Charge
PACSiklaban Jr. Participants	Free of Charge
PACS, Inc. members	Free of Charge

B. Event Proper

a. General Guidelines

1. Participants' information, including their names and schools as submitted in the online registration, will be checked for confirmation before entry inside the meet.



✉ Filip@vixen.nl

Secondary Address

- ### b. Student Engagement

1. Participants will join a series of multiple icebreakers and intermissions and access them through the link or QR code.
 - For the intermission, the mentimeter will be utilized, and the host will survey the participants regarding certain topics such as their provinces, how they are feeling, their perception of chemistry, and many more.



PACS, Inc.

Philippine Association of Chemistry Students, Inc. A.Y. 2024-2025

Primary Address:

Ateneo de Manila University, 100 Ave. C, Alhambra Hills,
Quezon City 1106

Secondary Address:

Department of Chemical Engineering, College of Engineering and
Agri-Food Technology, Ateneo de Manila University

- For the icebreaker, the participants will be joining a kahoot game wherein they will answer questions related to chemistry and some fun random trick and trivia questions. The top 5 participants will gain a prize.
 - Participants in the top 5 shall get a monetary prize and shall contact the assigned prize holder.

C. Post-event

- a. Participants will be asked to stay for a few minutes after the event for photo opportunities.
- b. Participants who attended all parts of the symposium will receive an e-certificate.
- c. Participants are required to answer an evaluation form after the event to receive the said certificates.
 1. The evaluation form will be opened by the end of the symposium and will no longer be accepting responses at exactly 11:59 PM, November 17, 2024 (SUN).
- d. For the Zoom meeting participants, the evaluation form will be sent in the chat box. For the participants coming from Facebook Live, the evaluation form will be disseminated in the comments section.
- e. Issuance of E-certificates to the participants is expected to be sent via email a week after the event ends.

III. Program Flow

Time	Duration	Activity	Persons Involved
8:30 - 9:00 AM	30 minutes	Opening of Zoom Meeting Room, Assembly	Technical Committee



PACS, Inc.

Philippine Association of Chemistry Students, Inc. A.Y. 2024-2025

Primary Address

Attn: PACS, Inc. President, 25 December St., Agate 888,
Marikina, 1900

Secondary Address

Department of Chemistry, University of the Philippines,
Agro-Industrial Laboratory, Marikina, 1900

9:00 – 9:15 AM	15 minutes	Introductory Host Spiels (Welcoming JCC, Prayer, and etc.)	Hosts
9:15 – 9:20 AM	5 minutes	Opening Remarks	Advisers
9:20 – 9:30 AM	10 minutes	Student Engagement/Interactio n (Mentimeter)	Hosts/ Membership Committee
9:30 – 9:35 AM	5 minutes	Introduction of Speaker 1	Hosts
9:35 – 10:35 AM	60 minutes	Speaker 1 (Chemistry in Daily Life)	Speaker
10:35 – 10:50 PM	15 minutes	Open Forum for Speaker 1	Participants/ Speaker
10:50 – 10:55 AM	5 minutes	Awarding of Certificates and Token	PACS, Inc. Pres., VPAA, Speaker
10:55 – 11:00 AM	5 minutes	Photo Ops	Technical Committee
11:00 – 12:00 PM	60 minutes	Lunch Break	
12:00 – 12:05 PM	5 minutes	Topic Lead-Up/Spiels/Booster s	Hosts
12:05 – 12:10 PM	5 minutes	Introduction of Speaker 2	Hosts
12:10 – 1:10 PM	60 minutes	Speaker 2 (Chemistry in University)	Speaker



PACS, Inc.

Philippine Association of Chemistry Students, Inc. A.Y. 2024-2025

Primary Address

200215 / 1st Floor, 25 Science City Drive, Bldg. 1, Science City, Alabang, Muntinlupa, Metro Manila, Philippines

Secondary Address

Department of Chemical Engineering, College of Engineering, and Agri-industrial Technology, University of the Philippines - Diliman

1:10 – 1:25 PM	15 minutes	Open Forum for Speaker 2	Participants/ Speaker
1:25 – 1:30 PM	5 minutes	Awarding of Certificate and Token	PACS, Inc. Pres., VPAA, Speaker
1:30 – 1:35 PM	5 minutes	Photo Ops	Technical Committee
1:35 – 1:40 PM	5 minutes	Bathroom/Water/Other Break	
1:40 – 1:55 PM	15 minutes	Icebreaker	Membership Committee
1:55 – 2:00 PM	5 minutes	Introduction to Speaker 3	Hosts
2:00 – 3:00 PM	60 minutes	Speaker 3 (Chemistry in Profession)	Speaker
3:00 – 3:15 PM	15 minutes	Open Forum for Speaker 3	Participants/ Speaker
3:15 – 3:20 PM	5 minutes	Awarding of Certificate and Token	PACS, Inc. Pres., VPAA, Speaker
3:20 – 3:25 PM	5 minutes	Photo Ops	Technical Committee
3:25 – 3:30 PM	5 minutes	Closing Remarks	Mx. PACS, Inc. Executive Officer
3:30 PM onwards		Evaluation Form/Program Closing	





Primary Address

Secondary Address



PACS, Inc.

Philippine Association of Chemistry Students, Inc. A.Y. 2024-2025

Primary Address

Room 204, Campus 14, Tower 12, P.O. Box 12, Highway 188,
Makati City 1211

Secondary Address

Department of Chemical Engineering, College of Engineering and
Agro-Industrial Technology, University of the Philippines - Diliman

3. Once the payment for the event is received and submitted for registration, the fee collected is NON-REFUNDABLE and NON-TRANSFERABLE under all circumstances. Submitting the form with the proof of payment attached means that the participant understands the term and condition for the registration fee.

C. Screening of Video Entries

1. The video entry from the participants must be uploaded to a personal Google Drive folder or uploaded via the registration link if the size was within the acceptable range. The email pacsincorporated@gmail.com must be given access for the specific folder, or the link itself must be open for everyone who has it.
2. The video entry link from the Google Drive must be placed alongside the registration or emailed to pacsincorporated@gmail.com with the subject [JCC 2024: TumPACS Jr. Video] not later than October 14, 2024 (MON) at exactly 11:59 PM.
3. Each school is allowed to submit a maximum of one (1) video as their entry.
4. Each video may be composed of a minimum of one (1) participant and a maximum of 10 participants. Participants must be bona fide students of the school.
5. Each video must only be 2-3 minutes long. The topic or subject of the entry should cover chemistry concepts.
6. Words spoken from the video must not come directly from a book, the internet, YouTube videos, etc. They must be of the original idea or paraphrased properly.
7. Participants may use props, visuals, or any texts related to their topic of their choice. References from the video entries must be placed at the last part of the video and must be in the American Chemical Society (ACS) format.
8. Only the first 30 entries will be accepted and forwarded to the panel for the screening proper.



Primary Address

Secondary Address

1. The video entries must be submitted not later than October 18, 2024 (FRI), at exactly 11:59 PM. Failure to comply with the deadline will disqualify the entry for the competition.
2. The video entries will be sent to the panel for pre-judging.
3. The video entries will be judged using the following criteria:

E. Social Media Engagement

1. The ten (10) highest-scoring video entries in the pre-judging will be uploaded to the official page of the Junior Chemistry Congress.
2. The remaining 10% of the criteria will be based on the social media engagement of the said video.
3. Only 'LIKE' and 'HEART' reactions will be counted as votes. For a vote to be valid, reactors must first like and follow the official Facebook page of the Junior Chemistry Congress (www.facebook.com/juniorchemistrycongress).
4. The voting period will start on October 28, 2024 (MON) and will end on November 13, 2024 (WED), at 11:59 PM. Votes beyond the said dates and time will not be counted.



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Manila, Philippines

Secondary Address

Department of Chemistry
University of the Philippines
Manila, Philippines

- The scores accumulated from the pre-judging and the equivalent score from the social media engagement will be tallied. The winners for the competition will be announced on November 14, 2023 and will be posted via Facebook on the Junior Chemistry Congress page as well on a different date.

IV. Sub-event Guidelines for TumPACS Meme Competition

A. General Mechanics

Screening of Entries

Pre-Judging Entries

Social Media
Engagement

TumPACS Jr. – meme-making competition is divided into three rounds: (1) Involves the screening of submitted entries, (2) submitted entries will be pre-judged and (3) social media engagement.

B. Registration

- The participants shall answer the online registration form found at <https://bit.ly/JCC24TumPACSJrMeme> on or before October 16, 2024, 11:59 PM. Failure to answer the registration form results in a void submission. Participating schools will be asked to pay PHP 100.00 as their registration fee. Kindly attach the proof of payment within the online registration form to confirm the participation.
- Registration fees must be settled via the following bank account or GCash:

Account Name: Philippine Federation of Chemistry Societies, Inc.

Bank: BPI – Loyola – Katipunan Branch

Account Number: 3081 1189 13





PACS, Inc.

Philippine Association of Chemistry Students, Inc. A.Y. 2024-2025

Primary Address

1202 L. Lopez Avenue, 2nd Floor, Highway 100
Manila, Philippines

Secondary Address

Department of Chemical Engineering, Ateneo de Manila University
Ateneo Center, Alabang, Muntinlupa, Philippines

3. Once the payment for the event is received and submitted for registration, the fee collected is NON-REFUNDABLE and NON-TRANSFERABLE under all circumstances. Submitting the form with the proof of payment attached means that the participant understands the term and condition for the registration fee.

C. Screening of Entries

1. The participants shall answer the online registration form found and attach the meme entry in .png or .jpg format at the registration link as well on or before October 16, 2024 (WED) at exactly 11:59 PM. Failure to answer the registration form results in a void submission.
2. Each entry must contain an informative meme about any topic in the field of chemistry.
3. Each school is allowed to submit a maximum of one (1) meme as their entry. Memes used for previous Junior Chemistry Congress events will not be accepted.
4. Participants may use any meme templates in relation to their topic of their choice.
5. Only the first 30 entries will be accepted and will be forwarded to the panels for their screening proper.

D. Pre-judging

1. The meme entries must be submitted not later than October 18, 2024 (FRI), at exactly 11:59 PM via the link given.
2. Failure to comply with the deadline means disqualification of the entry for the competition.
3. The entries will be sent to the panel for pre-judging.
4. The entries will be judged using the following criteria:

CRITERIA	PERCENTAGE
Wit and Substance	30%
Creativity	20%



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Primary Address

Lot 253, Cebu 1, Purok 12B, Marikina 10 Highway, 980,
Marikina City, 0101

Secondary Address

Department of Chemistry, University of the Philippines,
Ayala Alabang, 1318, Alabang, Muntinlupa City, 0106

Uniqueness	20%
Relevance to the Topic	20%
TOTAL	90%

E. Social Media Engagement

1. The 10 highest-scoring entries in the pre-judging will be uploaded to the official page of the Junior Chemistry Congress (www.facebook.com/juniorchemistrycongress).
2. The remaining 10% of the criteria will be based on the social media engagement of the said meme.
3. Only the 'LIKE' and 'HAHA' reactions will be counted as votes. For the vote to be valid, the reactor must first like and follow the official Facebook page of the Junior Chemistry Congress.
4. The voting period will start on October 23, 2024 (WED) and will end on November 13, 2024 (WED), at exactly 11:59 PM. Votes beyond the said dates and time will not be counted.
5. The scores accumulated from the pre-judging and the equivalent score from the social media engagement will be tallied and added to the final score.
6. The winners will be announced on November 14, 2024 and will be posted as well on the Facebook page of the Junior Chemistry Congress on a later date.