



中國醫藥大學
China Medical University

110學年度金頭腦科研企劃競賽

Golden Brain Research Project Competition 2021 College of Medicine, China Medical University

1. Objective

The "Independent Study Program (/ Interdisciplinary Team-oriented Learning Course)" is a team-based learning (TBL) program that emphasizes teamwork, self-learning and diverse teaching methodology. The program takes into account humanities and life sciences, in order to cultivate medical professionals equipped the 4Cs abilities (Critical Thinking, Communication, Collaboration, Creativity). Faculty of the College of Medicine will supervise participating students through diverse research topics, such as life sciences, social sciences, ethical issues, medical technology, or humanities and arts. The competition topics can be planned in advance by the faculty, or students can propose research topics of interest in small groups. The competition will help students cultivate skills for active learning. Students who have outstanding research potential will be recommended to apply for MD/PhD (physician-scientist program) at China Medical University.

2. Organizer

Organizer: College of Medicine, China Medical University

3. Qualifications

- 1) Students who have taken or are taking independent research courses or special research courses at the College of Medicine are eligible to apply individually or in groups (within 5 students). Or,
- 2) Master's degree students with personal research outcomes (presentation content is limited to personal research).

Each student can only participate in one group, and each group must have a group leader. Group members and topics cannot be changed after the application deadline. If more than 10 teams apply, a preliminary announcement will be made.

4. Application

Online application

Time: From now until October 24, 2021 (Sunday)

Registration website: <https://forms.gle/VsrPo4TQAXA36VJw9>

or scan QR code→





5. Submission

- 1) All team leaders must submit a) research proposal, and b) presentation slides (electronic file) to shuen@cmu.edu.tw before the deadline (October 24, 2021). The files submitted will be used for evaluation on the day of the competition.
- 2) Date of competition: October 29, 110 (Friday) 10:00 a.m.
- 3) Venue: 6F, Professional Classroom of School of Medicine, Medical Building, Yingcai Campus
- 4) Competition explanation: The total score is 100%. Each team needs to deliver an oral presentation, which is limited to 7 minutes per team, including 5 minutes for oral presentation and 2 minutes for Q&A. (Note: Students are encouraged to make oral presentation in English)

6. Scoring Instructions

Grading items	Points	Grading Points
Theme Idea	20%	<ul style="list-style-type: none">● Clear and innovative theme● Technicality, uniqueness and competitive advantage
Research Process	15%	<ul style="list-style-type: none">● Research Methodology● Reliability and validity of the research● Division of research task based on team members' expertise
Research Result	15%	<ul style="list-style-type: none">● Irreplaceability● practicality
Completeness of presentation content	20%	Comprehensiveness of the data
Oral report	30%	Presentation content, responsiveness, time management, stage performance, etc.
Total	100%	

7. The competition awards and explanations

- 1) All participating teams and instructors will be given a certificate of participation.
- 2) The evaluation and awards shall be decided by the judges. The judges reserve the right of making final decision and to award no prize.

Ranking	Awards
1 st place	NT\$5000 and a certificate
2 nd place	NT\$4,500 and a certificate
3 rd place	NT\$4,000 and a certificate
4 th place	NT\$2,500 and a certificate



8. Competition Schedule and

- 1) Timeline: (The organizer reserves the right to modify the schedule. Any alternations will be announced on the website of College of Medicine)

Date	Activity
Before October 24, 2021	Online Registration https://forms.gle/VsrPo4TQAXA36VJw9
Before October 24, 2021	Submit research proposal and presentation slides to shuen@cmu.edu.tw
October 29, 2021	Competition (oral presentation) & award ceremony

- 2) If any participant is reported violating the regulations of this activity, and there are concrete facts, the participants will be disqualified for the awards.
- 3) Due to the fairness of the competition, the teams are not allowed to change the information that have already been submitted. Please check the correctness of the information before submitting the application.
- 4) The organizer reserves the right of making final adjustments for any defects or disputes.

9. Event Organizer

Ms. Shu-En Chen

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(Please refer to the online announcement of the College of Medicine for more details.)



Appendix:

Research Proposal

Topic	
Team Name	

(★★★The following content should be in Times New Roman, 14-point font size, 1.15 line spacing, no more than three pages)

1. Research background and motivation
2. Research Objective
3. Research Methodology
4. Expected Outcomes
5. Reference/ Bibliography