**2025 IEEE CIS Student Grand Competition**

Computational Intelligence in Biomedicine and Healthcare

**The Challenge**

With the development of the computational intelligence (CI) methods, novel applications including smart medicine, smart healthcare and smart hospital attract more and more attention in research, society, and industry.

CI/AI technology has played a significant role to assist medical professionals and their patients.

**This hackathon looks forward to an CI/AI-driven tribute to smart medicine.**

We welcome participants to present computational intelligence solutions for core issues in **smart medicine, smart healthcare and smart hospital** including but not limited to personalized, predictive, preventive and participatory medicine and healthcare solutions.

**In the hackathon, we would like to address how CI/AI techniques can help the modern hospitals and humans with new and different approaches, and how CI/AI will change medicine/healthcare in the future.**

Developers of all backgrounds and skill sets are welcome to join this hackathon.

The choice of technology is optional.

We are waiting for your participation.

**Call for Proposals**

The contest is open to all undergraduate or graduate students at accredited colleges or universities worldwide.

**A team may consist of up to 6 eligible students and up to 2 mentors** due to the cooperations of CI and medical domains.

\*Commercial products are not allowed to be entered in the contest.

For detailed submission rules, please refer to the website.

https://sites.google.com/view/cissgc-2025/

**Prize Per Team**

In the final contest,

**1st Place Award**: $**2,000** USD + Certificate

**2nd Place Award**: $**1,500** USD + Certificate

**3rd Place Award**: $**1,000** USD + Certificate

**Honorable Mention** : Certificate

\* All cash price awards are before tax

**Important Dates**

**Submission Due** Feb. 28, 2025

**Preliminary Contest** Mar. 15, 2025

**Final Contest** Aug. 20, 2025



**Organizers**

[IEEE CIS society](https://cis.ieee.org/)

[Miin Wu School of Computing, National Cheng Kung University, Taiwan](https://computing.ncku.edu.tw/en/)