

Global Champions: CDNIS Students Win Big at Conrad Challenge



Students Shine in Global Competition [Hong Kong / Education](#)

Canadian International School of Hong Kong Students Shine in Global Competition

Paid Post: Canadian International School of Hong Kong

Reading Time: 3 minutes

Why you can trust SCMP



Advertising partner

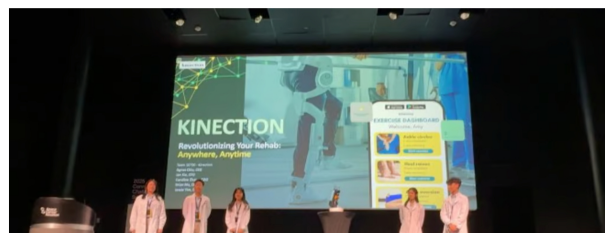
Published: 12:00am, 14 May 2025

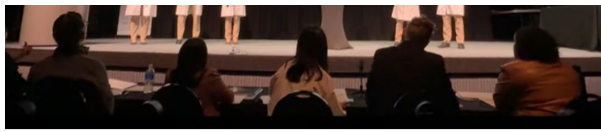
[The content of this article has been produced by our advertising partner.]

Five students from Canadian International School of Hong Kong (CDNIS), claimed top honours at the 2025 Conrad Challenge Innovation Summit held at NASA's Space Center in Houston, Texas. Competing as Team Kinection, the Grade 9 and 10 students qualified for the global finals by winning the gold medal at the Conrad Challenge China in the Health & Nutrition category. At the Houston Summit, they showcased their innovative telehealth solution, the Kinector, and were named the Power Pitch Winner in the same category.

Their victory is a significant achievement not only for the team but also for CDNIS, which was the only school from Hong Kong to reach the global finals in Houston after competing against more than 14,0 teams at the Shanghai event.

Revolutionizing Rehabilitation: The Kinector Solution



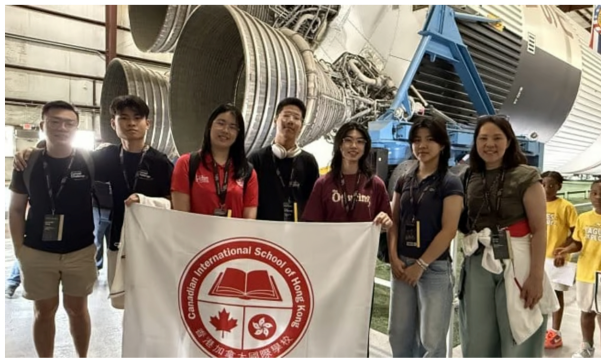


The team's award-winning innovation, Kinector, is a smart wearable device designed to transform physiotherapy and rehabilitation.

"We wanted to build an app that would help physiotherapists monitor their patients' recovery programme remotely," said Grade 10 team member Caroline."

The Kinector combines an ankle brace equipped with advanced electromyography (EMG) sensors, a mobile app for patients, and a web portal for physiotherapists. This integrated system with AI capability allows real-time monitoring of a patient's recovery, ensuring rehabilitation exercises are performed correctly while reducing the risk of re-injury.

"Our goal was to bridge the gap between patients and physiotherapists," said Agnes, the Grade 10 team leader, who along with Grade 9 student Jessie developed the app. Clinical data suggests the Kinector can reduce re-injury rates from 38% to just 5.6%, making it a potentially game-changing tool in rehabilitation. Grade 9 team member Brian mentions, "Our innovation not only improves patient outcomes but also increases operational efficiency for physiotherapists" — a dual benefit that impressed the judges in both Shanghai and Houston.



Kenneth Tang, one of the team's teacher supervisors, noted, "It's inspiring to see young students turn an idea into a real, scalable solution. Kinector is more than a prototype—it's a product that could genuinely impact the healthcare industry."

The Journey to the Global Stage

The road to success was not easy. After winning the gold medal in the Health & Nutrition category at the Conrad Challenge China in March, Kinector qualified for the prestigious Innovation Summit in Houston. There, they joined 30 global finalists, competing for top honours in five categories: aerospace & aviation, cyber-technology & security, energy & environment, health & nutrition, and water.



**Global Champions:
CDNIS Students Win Big
at Conrad Challenge**



The Conrad Challenge is known for its rigorous selection process, with over 4,000 students from more than 50 countries participating in the initial stages. CDNIS was proud to represent Hong Kong, China and China, as Team Kinection competed under the "China Ambassador Programme" alongside four other gold-winning teams from China.

On the global stage, Kinection's success was celebrated not just for their ingenuity but also for the social impact of their innovation. Vivian Fung, Kinection's other supervising teacher, said, "What stands out about Kinection is their ability to combine technical excellence with a deep understanding of the human side of healthcare. The team didn't just create a product; they built a solution that addresses a real-world problem and could transform the lives of countless individuals."

A Culture of Innovation at CDNIS

The success of Team Kinection underscores CDNIS's broader commitment to innovation, entrepreneurship, and global citizenship. Dr. Tim Kaiser, Head of School at CDNIS, expressed immense pride in the students' achievements. "Our mission is to empower students to be leaders and changemakers," said Dr. Kaiser. "Team Kinection's journey — from concept to global recognition — is a testament to their ingenuity and to the learning environment we foster at CDNIS."



He added, "This moment is not just a win for these five students; it's a celebration of what's possible when education encourages creativity, collaboration, hard work, and courage."

Looking Forward: The Future of Kinection

Kinection's journey is far from over. With a robust financial model and business plan that the team created and presented throughout the process, their product promises sustainable growth and scalability within the Greater Bay Area in five years and globally in 10 years.

"We are just getting started and plan to improve the Kinector," said Ian, another team member and grade 10 student at CDNIS.

A New Standard of Innovation

The victory of Team Kinection at the Conrad Challenge Innovation Summit serves as a shining example of what can be achieved when young minds are empowered to think big and to innovate boldly. For CDNIS, Kinection's success is not only a proud moment but also a powerful reminder of the potential that lies within every student to create change, solve problems, and shape the future. As CDNIS continues to push the boundaries of education, Team Kinection's achievement stands as a beacon of what is possible when passion, creativity, and collaboration converge.