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# Exploring the Digital-Intelligent Transformation Pathway for Medical Education in Comprehensive Universities: The i-SMART Strategy of Sichuan University

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## Abstract

In response to the new wave of technological revolution and transformations in the health industry, and to accelerate the building of a strong educational system, China is actively advancing its national education digitalization strategy. This strategy emphasizes integration, intelligence, and internationalization, promoting the use of artificial intelligence to facilitate educational reform. Against this backdrop, Sichuan University leverages its multidisciplinary strengths to innovatively formulate the i-SMART strategy for the digital-intelligent transformation of West China Medical Education. This strategy encompasses: adhering to an "i-centered" (individual/learner-centered) philosophy, establishing Synergistic Institutional Mechanisms, promoting Multi-disciplinary Research & Collaboration, developing Advanced Learning Resources, enhancing Robust Faculty Development, and innovating Technology-Virtual Driven Practical Training. Preliminary achievements have been made, including its designation as a "Typical Demonstration Case of AI Application Scenarios in Higher Education" by the Ministry of Education. Furthermore, the "WiseMed" Generative Education Special Transformer (GEST) for basic medical education was approved as one of the first Ministry of Education projects for generative AI models dedicated to educational purposes. This initiative provides a valuable reference model for comprehensive universities seeking to effectively promote the digital and intelligent transformation of medical education.

## Biography

Qing Ping, the Director of Medical Education at West China Medical Center and Deputy Director of the Academic Affairs Office at Sichuan University. He is also an Associate Researcher and holds positions in several medical education and ethics committees, including the Chinese Medical Association and the Ministry of Education's Clinical Medicine Certification Committee. As Director of the Medical Ethics and Law Teaching and Research Office at West China School of Clinical Medicine, he has led key research projects and published extensively on medical education. He has edited books such as "Evidence-based Education Research and Practice" and "Principles and Practice of Case-based Clinical Thinking Education" and has received eight national and provincial teaching achievement awards. His research focuses on medical humanities, teacher development, and medical education management.