

Prof. Dr. Chi-Ming Chu



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Education

- Bachelor of Science, Department of Public Health, Kaohsiung Medical College, Taiwan
- Master of Science, Section of Epidemiology, Institute of Public Health, National Defense Medical College, Taiwan
- Scholar, Goethe-Institut Mannheim, Germany
Scholar, Deutscher Akademischer Austauschdienst, DAAD
- Dr.sc.hum. for medical informatics, Institute of Biostatistics and Medical Informatics, University of Heidelberg, Germany

Experience & Awards

- National Innovation Award Taiwan 2018,
Cardiac Force Meter for good people 好心有好報
- National Advanced Innovation Award Taiwan 2021
- HIMSS Governing Council Award 2020
<https://www.facebook.com/search/posts/?q=HIMSS>
- HIMSS Governing Council 2016 - 2018
- Councilor of Member of the Board of Supervisors, Taiwan Association of Medical Informatics
- Medical Informatics Consultant, for Tao-Yuan National Armed Forces General Hospital, Kang-Ning General Hospital and Wel-Gong Memorial General Hospital
- Associate Professor, Assistant Professor, Lecturer, Teaching Assistant, Department of Public Health, National Defense Medical

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Selected Research Grant

Big Data Visualization and Prediction, MOST105-2634-H016-001, <https://www.grb.gov.tw/search/planDetail?id=11836508> ; Biostatistics, Bioinformatics, Hospital Information System, Biomedical Informatics

Selected Publications

- Innovative Hybrid-Alignment Annotation Method for Bioinformatics Identification and Functional Verification of a Novel Nitric Oxide Synthase in *Trichomonas vaginalis*. *Biology (Basel)*. 2022 Aug 12;11(8):1210. PMID: 3600983
- Effect of the Nintendo Ring Fit Adventure Exergame on Running Completion Time and Psychological Factors Among University Students Engaging in Distance Learning During the COVID-19 Pandemic: Randomized Controlled Trial. *JMIR Serious Games*. 2022 Mar 22;10(1):e35040. PMID: 35315780
- Gender-Specific Determinants of eHealth Literacy: Results from an Adolescent Internet Behavior Survey in Taiwan. *Int J Environ Res Public Health*. 2022 Jan 7;19(2):664. PMID: 35055487
- A Technology Acceptance Model for Deploying Masks to Combat the COVID-19 Pandemic in Taiwan (My Health Bank): Web-Based Cross-sectional Survey Study. *J Med Internet Res*. 2021 Apr 21;23(4):e27069. PMID: 33819168

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Selected Publications

- Usability of Wearable Devices With a Novel Cardiac Force Index for Estimating the Dynamic Cardiac Function: Observational Study. JMIR Mhealth Uhealth. 2020 Jul 21;8(7):e15331. PMID: 32706725
- Effect of social support and health education on depression scale scores of chronic stroke patients. Medicine (Baltimore). 2019 Nov;98(44):e17667. doi: 10.1097/MD.0000000000017667. PMID: 31689780
- Wen HC, Chang WP, Hsu MH, Ho CH, Chu CM. An Assessment of the Interoperability of Electronic Health Record Exchanges Among Hospitals and Clinics in Taiwan. JMIR Med Inform. 2019 Mar 28;7(1):e12630. doi: 10.2196/12630. PMID: 30920376
- Improved survival of hospitalized patients with cardiac arrest due to coronary heart disease after implementation of post-cardiac arrest care: A population-based study. Medicine (Baltimore). 2018 Sep;97(37):e12382. doi:10.1097/MD.0000000000012382. PMID: 30213003
- Albuminuria and neck circumference are determinate factors of successful accurate estimation of glomerular filtration rate in high cardiovascular risk patients. PLoS One. 2018 Feb 2;13(2):e0185693. doi: 10.1371/journal.pone.0185693. PMID: 29394255