



● Personal information

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● Education

National Tsing Hua University	Department of Industrial Engineering and Engineering Management	PhD
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● Experience

Asia Eastern University of Science and Technology	Department of industrial Management	Assistant Professor	2024/8~Present
Management College, National Defense University	Department of Logistics Management	Adjunct Assistant Professor	2022/ 02~2022/ 07
Management College, National Defense University	Department of Logistics Management	Postdoctoral	2021/ 09~2022/ 07

● Expertise

Human Factor, Workplace Improvement, Project Management
Product Evaluation and Design, Industrial Design

● Research Outcomes

(1) Journal Paper

- Hsin-Hung Tu, Victor Ei-Wen Lo, Chien-Wei Liu, Yung-Ping Liu, Chi-Yuang Yu, Chih-Yong Chen, Li-Wen Liu. 2020. "Body Volume Estimation Equation for Male Laborers in Taiwan" . *International Journal of Occupational Safety and Ergonomics. (SCI)*
- Victor Ei-Wen Lo, Yi-Chen Chiu, Hsin-Hung Tu, Chien-Wei Liu, and Chi-Yuang Yu. 2019. "A Pilot Study of Five Types of Maximum Hand Strength among Manufacturing Industry Workers in Taiwan" . *International Journal of Environmental Research and Public Health. (SCI)*
- Chi-Yuang Yu, Chien-Wei Liu. 2011. " Musculoskeletal Hazard Prevention



Techniques" , *Industrial Safety & Health Monthly*, 270 (2011/12) 30-36.

- Chi-Yuang Yu, Chien-Wei Liu, 2011. "Guidelines for Ergonomic Improvement" , *Industrial Safety & Health Monthly*, 269 (2011/11) 12-21.
- Chi-Yuang Yu, Chien-Wei Liu, Yu-Hsun Li, 2011. "Mechanisms and Hazard Factors of Work-Related Musculoskeletal Disorders" , *Industrial Safety & Health Monthly*, 266 (2011/08) 9-14.

(2) Conference Paper

- Hsin-Hung Tu, Yung-Ping Liu, Chien-Wei Liu, Chi-Yuang Yu. "Effect of Trunk Orientation, Wrist Posture, and Exertion Height on the One-Handed Maximum Voluntary Pulling Strength and Its Estimation Model" . *The 4th International Conference on Ambient Intelligence and Ergonomics in Asia, 4-6 Oct 2019, Yuan Ze University, Taiwan.*
- Hsiao-Chen Mei, Chien-Wei Liu, Chen-Lung Wei, Chi-Yuang Yu, 2018. " Business Operation Effect by Introducing the Cyber-Physical Intelligent Manufacturing System into a Small-Medium Enterprise" , *The Institute of Industrial and Systems Engineers Asian Conference (IISEAsia2018): 42.* (Best Paper Award)
- Chi-Yuang Yu, Chien-Wei Liu, ChihYong Chen, Yi-Tsong Pan, 2013. "Application of Ergonomic Improvement Techniques for the Prevention of Musculoskeletal Injuries – A Case Study of an Ink Factory" , *The 31st Ergonomics Society of Taiwan Annual Meeting and International Conference*, National Taipei University of Technology.
- Chi-Yuang Yu, Chien-Wei Liu, 2012. "Introduction to Ergonomic Improvement Techniques" , *2012 Occupational Safety Symposium*, Chia Nan University of Pharmacy & Science.
- Chi-Yuang Yu, Chien-Wei Liu, Yi-Tsong Pan, 2012. "Prevention of Musculoskeletal Injuries in the Work Environment" , *2012 Occupational Safety Symposium*, Chia Nan University of Pharmacy & Science.
- Chi-Yuang Yu, ChihYong Chen, Chien-Wei Liu, 2011. "An Ergonomic Method for WMSDs prevention" , *International Conference on Environmental Ergonomics (ICEE 2011), Nafplio, Greece.*