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Current Positions Assistant Professor,
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Education

B.S. degree, School of Chinese Medicine, China Medical University, Taiwan (2006)

M.S. degree, Graduate Institute of Chinese Medicine, China Medical University, Taiwan (2008)

PhD degree, Graduate Institute of Education, National Changhua University of Education, Taiwan (2017)

Expertise

TCM clinical ophthalmology Simulation-based medical education Acupuncture simulation training
Medical education Social science & medicine Action research
Objective Structured Clinical Examination (OSCE) for TCM and acupuncture

Research Interests

Dr. Chen has practiced Traditional Chinese medicine (TCM) and acupuncture for more than 15 years and focused on eye care and vision improvement. She has special experiences on dry eye disease, optic neuropathy, retinitis pigmentosa and age-related macular degeneration. In recent years, after she gained her PhD of education, Dr. Chen has devoted to the TCM education, especially the development and application of Objective Structured Clinical Examination (OSCE) on TCM clinical training. Besides Dr. Chen actively participated in cross-disciplinary researches working with MD, IT experts, engineer and educators. She published many papers involving Ultrasound Detection Acupuncture, Narrative medicine, and Laser acupuncture.

Selected Grants:

1. Ying-Ling Chen. Photoplethysmography measurement of Reflex-Auricula-Cardiaque as a teaching tool to assistant the teaching clinical skills of auricular acupuncture on TCM ophthalmology. CMU108-N-19 (2019-10-31 ~ 2020-7-31)
2. Mark C. Hou, Ying-Ling Chen, Chih-Chung Huang. The development and evaluation of Flipped classroom of Ultrasound Direction Acupuncture. MOST 108-2511-H-371-001-MY2 (2019-8-1 ~ 2021-7-31).
3. Mark C. Hou, Ying-Ling Chen, Su-Ching Lin, Hsin-Shun Tseng. Work Based Learning and Competence Based Education of Acupuncture Clinical Skill: The Training Program of Ultrasound Acupuncture using Acupuncture Simulation Module. MOST 106-2511-S-371-001- (2017-8-1 ~ 2018-7-31).

4. Mark C. Hou, Ying-Ling Chen, Su-Ching Lin, Jian-Guo Bao, Mao-Sheng Sun. Work Based Learning and Competence Based Education of Acupuncture Clinical Skill: The Training Program of Echo-guided Acupuncture using Acupuncture Simulation Module. MOST 105-2511-S-371-001- (2016-8-1 ~ 2017-7-31).
5. Ying-Ling Chen, Chun-Sien Wang, Mark C. Hou, Su-Ching Lin, Hsu-Chung Hua. Teaching Action Research in Objective Structured Clinical Examination - Establishment of database on clinical cases for communication skills teaching and using standardized patients to assess/feedback in education of traditional Chinese medicine. MOST 103-2511-S-371 -001 - (2014-8-1 ~ 2015-7-31)

Selected Publications

1. Ying-Ling Chen, Mark C. Hou*, Shun-Chang Chang, Kai-Wen Chuang, Po-Yang Lee, Chih-Chung Huang (2020, Nov). Development and evaluation of inexpensive ultrasound using A-mode and M-mode signals to identify lung depth and avoid risk of pneumothorax in acupuncture. Journal of Medical and Biological Engineering. (Accepted).
2. Su-Ching Lin, Ying-Ling Chen (2019, Oct). Evaluation of the Impact of the Writing Program on Student Learning. Journal of Social Science Studies, (1), 44-59.
3. Yu-Ching Chang, Mark Chun-Cheng Hou, Shun-Chang Chang, Ying-Ling Chen (2017, Jun). Trends in Web Searches for Acupuncture: An Infodemiology Study. The Changhua Journal of Medicine, 15(2):64-74.
4. Ying-Ling Chen, Mark C. Hou, Su-Ching Lin, Yi-Jung Tung (2015, Aug). Educational efficacy of objective structured clinical examination on clinical training of traditional Chinese medicine - A qualitative study. Complementary Therapies in Clinical Practice, 21(3), 147-153.
5. Ying-Ling Chen, Mark C. Hou. Ultrasound Detection Acupuncture Needling Training - Description of the Method. Acupuncture - Resolving Old Controversies and Pointing New Pathways (ISBN: 978-1-78984-080-3). London, UK: IntechOpen. Jan, 2019.