

## **CURRICULUM VITAE**

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### **EDUCATION**

Ph.D. The Chinese University of Hong Kong (Clinical Psychology)

M.Phil. The Chinese University of Hong Kong (Clinical Psychology)

Postgrad. Dip. The Chinese University of Hong Kong (Psychology)

B.S.Sci. The Chinese University of Hong Kong (Social Work)

### **PROFESSIONAL EXPERIENCE**

- Associate Professor, Department of Social Work, The Chinese University of Hong Kong (Chung Chi College), 2014 – Present
- Assistant Professor, Institute of Textiles and Clothing, The Hong Kong Polytechnic University, 2006 – 2013

### **PROFESSIONAL SOCIETIES**

- Associate Fellow, Hong Kong Psychological Society, Division of Clinical Psychology, 2005 – Present
- Registered Clinical Psychologist, Hong Kong Psychological Society, 2005 – Present
- Vice Chairperson, Hong Kong Neuropsychological Association, 2004 – Present
- Member, International Neuropsychological Society, 2003 – 2020
- Registered Social Worker, Social Workers Registration Board, 2002 – Present

### **MAIN RESEARCH INTERESTS**

- Investigation of the behavioural and neural effects of daily life activities on brain functions and cognitive processing
- Impact of psychosocial factors on the well-being of children, adolescents and elderly, and the possible related interventions
- Clinical intervention for children with special education needs and their cognitive profile

## **LIST OF RESEARCH OUTPUTS OR CREATIVE WORKS**

### **Summary**

Publications in refereed journals:	71
Conference papers/presentations:	59
Invited book chapters:	8
Book authored:	1
Citations (1998 – 2022, excluding self-citations):	1561 (Source: Web of Science) 1937 (Source: Scopus) 4047 (Source: Google Scholar)
h index:	20 (Source: Web of Science) 23 (Source: Scopus) 28 (Source: Google Scholar)

### **Refereed Publications**

#### **Journal papers**

- 1) Leung, G. S., Lai, J. S., **Cheung, M. C.**, Wu, Q., & Yuan, R. (2022). Caregivers' traumatic experiences and children's psychosocial difficulties: the mediation effect of caregivers' sense of coherence. *Applied Research in Quality of Life*, 17, 1597-1614. <https://doi.org/10.1007/s11482-021-09966-y>
- 2) Han, Y. M., Chan, M. M., Shea, C. K., Lai, O. L. H., Krishnamurthy, K., **Cheung, M. C.**, & Chan, A. S. (2022). Neurophysiological and behavioral effects of multisession prefrontal tDCS and concurrent cognitive remediation training in patients with autism spectrum disorder (ASD): A double-blind, randomized controlled fNIRS study. *Brain Stimulation*, 15(2), 414-425. <https://doi.org/10.1016/j.brs.2022.02.004>
- 3) **Cheung, M.C.**, Lai, J.S.K., Yip, J. (2022). Influences of smartphone and computer use on health-related quality of life of early adolescents. *International Journal of Environmental Research and Public Health*, 19(4), 2100. <https://doi.org/10.3390/ijerph19042100>
- 4) **Cheung, M.C.**, Yip, J, Lai, J.S.K. (2022). Biofeedback posture training for adolescents with mild scoliosis. *BioMed Research International*, Article ID 5918698, 8 pages. <https://doi.org/10.1155/2022/5918698>
- 5) **Cheung, M.C.**, Lai, J.S.K., Yip, J, Cheung, J.P.Y. (2021). Increased computer use is associated with trunk asymmetry that negatively impacts health-related quality of life in early adolescents. *Patient Preference and Adherence*, 15, 2289–2302. <https://doi.org/10.2147/PPA.S329635>
- 6) Chan, A. S., Lee, T. L., Hamblin, M. R., & **Cheung, M. C.** (2021). Photobiomodulation enhances memory processing in older adults with mild cognitive impairment: A functional near-infrared spectroscopy study. *Journal of Alzheimer's Disease*, 83(4), 1471-1480.
- 7) Chan, A.S., Lee, T.L., Hamblin, M.R., **Cheung, M.C.** (2021). Photoneuromodulation makes a difficult cognitive task less arduous. *Scientific Reports*, 11, Article Number: 13688. <https://www.nature.com/articles/s41598-021-93228-2>
- 8) Chan, A.S, Han, Y.M.Y., Sze, S.L, Wong, C.K., Chu, I.M.T., **Cheung, M.C.** (2021). Chanwuyi lifestyle medicine program alleviates immunological deviation and

improves behaviors in autism. *NeuroSci*, 2, 207-223.

- 9) Fung, O.H.Y., Yip, J., **Cheung, M.C.**, Yick, K.L., Kwan, K.Y.H., Cheung, K.M.C., Cheung, J.P.Y., & Tse, C.Y. (2020). Exploring mass customization and textile application in medical products: re-designing scoliosis brace for shorter production lead time and better quality of life. *Textile Research Journal*, 90(19-20), 2304-2321. <https://doi.org/10.1177/0040517520916922>
- 10) Fok, Q, Liu, P.Y, Yip, J., **Cheung, M.C.**, Yick, K.L., Ng, S.P., Tse, C. Y. (2020). School scoliosis screening in Hong Kong: trunk asymmetry of girls with scoliosis. *MOJ Orthopedics & Rheumatology*, 12(1), 7-10.
- 11) Lam, M.M.L., Wong, C.W.Y., Chan, W.T.Y., Leung, C.H., **Cheung, M.C.** (2019). Effects of institutional environmental forces on participation in environmental initiatives. *Resources, Conservation and Recycling*, 150, 104402. <https://doi.org/10.1016/j.resconrec.2019.06.036>
- 12) **Cheung, M.C.**, Law, D., Yip, J. & Wong, C.W.Y. (2019). Emotional responses to visual art and commercial Stimuli: Implications for creativity and aesthetics. *Frontiers in Psychology*, 10:14. <http://doi.org/10.3389/fpsyg.2019.00014>
- 13) Kwok, G., Yip, J., Yick, K.L., **Cheung, M.C.**, Tse, C. Y., Ng, S.P., Luximon, A., & Chan, A.T.S. (2017). Postural screening for adolescent idiopathic scoliosis with infrared thermography. *Scientific Reports*, 7, Article number: 14431. <https://www.nature.com/articles/s41598-017-14556-w>
- 14) Chan, A.S., Cheung, W.K., Yeung, M.K., Woo, J., Kwok, T., Shum, D.H.K., Yu, R., & **Cheung, M.C.** (2017). A Chinese Chan-based mind-body intervention improves memory of older adults. *Frontiers in Aging Neuroscience*, 9, 190. <https://doi.org/10.3389/fnagi.2017.00190>
- 15) **Cheung, M.C.**, Chan, A.S., Liu, Y., Law, D., Wong, C.W.Y. (2017). Music training is associated with cortical synchronization reflected in EEG coherence during memory encoding. *PLoS ONE*. 12(3): e0174906. <https://doi.org/10.1371/journal.pone.0174906>.
- 16) Law, D., **Cheung, M.C.**, Yip, J., Yick, K.L., Wong, C. (2016). Scoliosis brace design: influence of visual aesthetics on user acceptance and compliance. *Ergonomics*, 60, 876-886. <http://dx.doi.org/10.1080/00140139.2016.1227093>
- 17) Chan, A.S., Sze, S., **Cheung, M.C.**, & Han, Y. (2016). Development and application of neuropsychology in Hong Kong: Implications of its value and future advancement. *Clinical Neuropsychologist*, 30(8), 1236-1251. <https://doi.org/10.1080/13854046.2016.1196732>
- 18) Kwok, G., Yip, J., **Cheung, M.C.**, & Yick, K.L. (2015). Evaluation of myoelectric activity of paraspinal muscles in adolescents with idiopathic scoliosis during habitual standing and sitting. *BioMed Research International*, Article ID 958450, 9 pages <http://dx.doi.org/10.1155/2015/958450>
- 19) **Cheung, M.C.**, Chan, A.S., & Yip, J. (2015). Microcurrent stimulation at Shenmen acupoint facilitates EEG associated with sleepiness and positive mood: A randomized controlled electrophysiological study. *Evidence-Based Complementary and Alternative Medicine*, Article ID 182837, 11 pages. <http://dx.doi.org/10.1155/2015/182837>

- 20) **Cheung, M.C.**, Law, D., Yip, J. (2014). Evaluating aesthetic experience through personal-appearance styles: a behavioral and electrophysiological study. *PLoS ONE* 9(12): e115112. <https://doi.org/10.1371/journal.pone.0115112>
- 21) **Cheung, M.C.**, Chan, A.S, Han, Y.M.Y., & Sze, S.L. (2014). Brain activity during resting state in relation to academic performance: evidence of neural efficiency. *Journal of Psychophysiology*, 28, 47-53.
- 22) Yip, J., Liu, L., Wong, K., Leung, P.H.M., Yuen, C.M., **Cheung, M.C.** (2014). Investigation of antifungal and antibacterial effects of fabric padded with highly stable selenium nanoparticles. *Journal of Applied Polymer Science*, 131, 40728, 8 pages, DOI: 10.1002/app.40728.
- 23) Law, D., Yip, J., Wong, C., & **Cheung, M.C.** (2013). Enhancing the process of idea generation in Hong Kong Chinese university students: The fashion visual merchandising experience. *Art, Design & Communication in Higher Education*, 12, 101–119.
- 24) **Cheung, M.C.**, Chan, A.S, Han, Y.M.Y., Sze, S.L., & Fan, N.H. (2013). Differential effects of Chinese women’s sexual self-schema on responses to sex appeal in advertising. *Journal of Promotion Management*, 19, 373-391.
- 25) Chan, A.S., Han, Y. M. Y., Sze, S. L., Wong, Q.Y., **Cheung, M.C.** (2013). A randomized controlled neurophysiological study of a Chinese Chan-based mind-body intervention in patients with major depressive disorder. *Evidence-Based Complementary and Alternative Medicine*, Article ID 812096, 12 pages, doi:10.1155/2013/812096.
- 26) Chan, A.S., Sze, S. L., Siu, N.Y., Lau, E.M., **Cheung, M.C.** (2013). A Chinese Mind-body exercise improves self-control of children with Autism: A randomized controlled trial. *PLoS ONE*, 8(7): e68184. doi:10/1371/journal.pone.0068184.
- 27) Han, Y. M. Y., Chan, A.S., Sze, S.L., **Cheung, M.C.**, Wong, C.K., Lam, J.M.K., & Poon, P.M.K. (2013). Altered immune function associated with disordered neural connectivity and executive dysfunctions: A neurophysiological study on children with autism spectrum disorders. *Research in Autism Spectrum Disorders*, 7, 662-674.
- 28) Chan, A.S., Wong, Q. Y., Sze, S. L., Kwong, P. P. K., Han, Y. M. Y., **Cheung, M.C.** (2012). A Chinese Chan-based mind-body intervention for patients with depression. *Journal of Affective Disorders*, 142, 283-289.
- 29) Chan, A.S., Sze, S. L., Han, Y. M. Y., **Cheung, M.C.** (2012). A Chan dietary intervention enhances executive functions and anterior cingulate activity in Autism Spectrum Disorders: A randomized controlled trial. *Evidence-Based Complementary and Alternative Medicine*, Article ID 262136, 11 pages, doi:10.1155/2012/262136.
- 30) Chan, A.S., Wong, Q.Y., Sze, S. L., Kwong, P. P. K., Han, Y. M. Y., **Cheung, M.C.** (2012). A Chinese Chan-based mind-body intervention improves sleep on patients with depression: A randomized controlled trial. *The Scientific World Journal*, Article ID 235206, 10 pages, doi:10.1100/2012/235206.
- 31) Chan, A. S., Sze, S.L., **Cheung, M.C.**, Han, Y.M.Y., Leung, W.W. M., Shi, D. (2011).

*Dejian* Mind-Body Intervention improves the cognitive functions of a child with Autism. *Evidence-Based Complementary and Alternative Medicine*, Article ID 549254, 7 pages, doi:10.1155/2011/549254.

- 32) Chan, A. S., **Cheung, M.C.**, Sze, S.L., Leung, W.W. & Shi, D. (2011). An herbal nasal drop enhanced frontal and anterior cingulate cortex activity. *Evidence-Based Complementary and Alternative Medicine*, Article ID 543648, 8 pages, doi:10.1093/ecam/nep198.
- 33) Chan, A. S., **Cheung, M.C.**, Tsui, W.J., Sze, S.L., & Shi, D. (2011). *Dejian* Mind-Body Intervention on depressive mood of community-dwelling adults: A randomized controlled trial. *Evidence-Based Complementary and Alternative Medicine*, Article ID 473961, 8 pages, doi:10.1093/ecam/nep043.
- 34) Han, Y. M. Y., Leung, W.W., Wong, C.K., Lam, J.M.K., **Cheung, M.C.**, & Chan, A.S. (2011). Lymphocyte subset alterations related to executive function deficits and repetitive stereotyped behavior in Autism. *Research in Autism Spectrum Disorders*, 5, 486-494.
- 35) Chan, A. S., Han, Y. M.Y., Sze, S.L., **Cheung, M.C.**, Leung, W.W., Chan, R. C., & To, C. Y. (2011). Disordered connectivity associated with memory deficits in children with Autism Spectrum Disorders. *Research in Autism Spectrum Disorders*, 5, 237-245.
- 36) Chan, A. S., Han, Y. M.Y., Leung, W.W., Leung, C., Wong, V.C., & **Cheung, M.C.** (2011). Abnormalities in the anterior cingulate cortex associated with attentional and inhibitory control deficits: A neurophysiological study on children with Autism Spectrum Disorders. *Research in Autism Spectrum Disorders*, 5, 254-266.
- 37) Chan, A. S., **Cheung, M.C.**, Sze, S. L., & Shi, D. (2011). Shaolin Dan Tian breathing fosters relaxed and attentive mind: A randomized controlled neuroelectrophysiological study. *Evidence-Based Complementary and Alternative Medicine*, Article ID 180704, 11 pages, doi:10.1155/2011/180704.
- 38) **Cheung, M.C.**, Chan, A.S., & Sze, S.L. (2010). Electrophysiological correlates of brand names. *Neuroscience Letters*, 485, 178-182.
- 39) **Cheung, M.C.**, Chan, A.S., Sze, S. L., Leung, W.W., & To, C.Y. (2010). Verbal memory deficits in relation to organization strategy in high- and low-functioning autistic children. *Research in Autism Spectrum Disorders*, 4, 764-771.
- 40) **Cheung, M.C.**, & Chan, A.S., (2010). fMRI activation associated with brand names: A category of proper nouns. *Clinical Neurophysiology*, 121, S210.
- 41) **Cheung, M.C.**, & Chan, A.S., (2010). Change in EEG activity associated with positive mood change after cutaneous stimulation over Shenmen. *Clinical Neurophysiology*, 121, S245.
- 42) **Cheung, M.C.**, Chan, A.S., Wu, J., & Sze, S. L. (2010). Micro-current electrical stimulation at bilateral wrist hand area facilitates changes in EEG activities associated with reduction in arousal: A randomized controlled trial. *International Journal of Psychophysiology*, 77, 319.

- 43) Chan, A. S., Sze, S.L., **Cheung, M.C.**, Lam, J. M. K., & Shi, D. (2009). *Dejian* mind-body intervention improves the functioning of a patient with chronic epilepsy: a case report. *BMC Cases Journal*, 2, 9080, doi:10.1186/1757-1626-2-9080.
- 44) **Cheung, M.C.**, Chan, A.S., & Sze, S.L. (2009). Increased theta coherence during Chinese reading. *International Journal of Psychophysiology*, 74, 132-138.
- 45) **Cheung, M.C.**, Chan, A.S., Lam, J.M.K., & Chan, Y.L. (2009). Pre- and postoperative fMRI and clinical memory performance in temporal lobe epilepsy. *Journal of Neurology, Neurosurgery, and Psychiatry*, 80, 1099-1106.
- 46) Chan, A.S., **Cheung, M.C.**, Sze, S.L., & Leung, W.W. (2009). Seven-star needle stimulation improves language and social interaction of children with Autistic Spectrum Disorders. *American Journal of Chinese Medicine*, 37, 495-504.
- 47) Chan, A.S., **Cheung, M.C.**, Han, Y.M.Y., Sze, S.L., Leung, W.W., Man, H. S., & To, C. Y. (2009). Executive function deficits and neural discordance in children with Autism Spectrum Disorders. *Clinical Neurophysiology*, 120, 1107-1115.
- 48) **Cheung, M.C.**, & Chan, A.S. (2008). Measures for brand knowledge: Comparison of testing formats, languages and product categories. *Journal of Psychology in Chinese Societies*, 9, 153-167.
- 49) Chan, A.S., **Cheung M.C.**, Sze, S.L., Leung, W.W., & Cheung, R.W.Y. (2008). Measuring vocabulary by free expression and recognition tasks: Implications for assessing children, adolescents, and young adults. *Journal of Clinical and Experimental Neuropsychology*, 30, 892-902.
- 50) Chan, A.S., Han, Y.M.Y., & **Cheung M.C.** (2008). Electroencephalographic (EEG) measurements of mindfulness-based Triarchic Body-pathway Relaxation Technique: a pilot study. *Applied Psychophysiology and Biofeedback*, 33, 39-47.
- 51) Chan, A.S., Sze, S.L., & **Cheung, M.C.** (2007). Quantitative electroencephalographic measure for Autistic Spectrum Disorder. *Neuropsychology*, 21, 74-81.
- 52) Chan, A.S., & **Cheung, M.C.** (2007). Pre-activating the mesial temporal lobe facilitates learning. *Neuroscience Letters*, 411, 194-199.
- 53) **Cheung, M.C.**, Chan, A.S., Chan, Y.L., Lam, J.M.K., & Lam, W. (2006). Effect of illness duration on the memory processing of patients with temporal lobe epilepsy. *Epilepsia*, 47, 1320-1328.
- 54) **Cheung, M.C.**, Chan, A.S., Chan, Y.L., & Lam, J.M.K. (2006). Language lateralization of Chinese-English bilingual patients with epilepsy: a functional MRI study. *Neuropsychology*, 20(5), 589-597.
- 55) Chan, A.S., **Cheung, M.C.**, Chan, Y.L., Yeung, D. K.W. & Lam, W. (2006). Bilateral frontal activation associated with cutaneous stimulation of elixir field: An fMRI study. *American Journal of Chinese Medicine*, 34, 207-216.

- 56) Chan, A.S., Ho, Y.C., **Cheung, M.C.**, Albert, M.S., Chiu, H., & Lam, L. (2005). Association between mind-body and cardiovascular exercises and memory in older adults. *Journal of the American Geriatrics Society*, *53*, 1754-1760.
- 57) Chan, A.S., Cheung, J. Leung, W.W.M, Cheung, R., & **Cheung, M.C.** (2005). Verbal expression and comprehension deficits in young children with autism. *Focus on Autism and Other Developmental Disabilities*, *20*, 117-124.
- 58) **Cheung, M. C.**, Chan, A., Chan, Y., Lam, J. M., & Cheung, R. W. (2004). Naming impairment in the Chinese patients with left temporal lobe epilepsy: A fMRI study. *Archives of Clinical Neuropsychology*, *19*, 940.
- 59) Chan, A.S., Sze, S.L.M., & **Cheung, M.C.** (2004). Neuroanatomical locus of the temporal lobe in processing living concepts. *Neuropsychology*, *18*, 700-709.
- 60) Chan, A.S., **Cheung, M.C.**, Law, S.C., Chan, J.H. (2004). Phase II study of Alpha-tocopherol in improving the cognitive function of patients with temporal lobe radionecrosis. *Cancer*, *100*, 398-404.
- 61) Cheung, R., **Cheung, M.C.**, & Chan, A.S. (2004). Confrontation naming of Chinese patients with left, right or bilateral brain damage. *Journal of the International Neuropsychological Society*, *10*, 46-53.
- 62) **Cheung, M. C.**, Chan, A., Law, S. C., Chan, J. H., & Tse, V. K. (2003). Alpha-tocopherol (vitamin E) improves the cognitive functions of patients with radionecrosis. *Neurology*, *60*, A20.
- 63) **Cheung, M.C.**, Chan, A.S., Law, S.C., Chan, J.H., & Tse, V.K. (2003). Impact of radionecrosis on cognitive dysfunction in patients following radiotherapy for nasopharyngeal carcinoma. *Cancer*, *97*, 2019-2026.
- 64) **Cheung, M.C.**, & Chan, A. S. (2003). Memory impairment in humans after bilateral damage to lateral temporal neocortex. *NeuroReport*, *14*, 371-374.
- 65) Ho, Y., **Cheung, M.C.**, & Chan, A.S. (2003). Music training improves verbal but not visual memory: cross-sectional and longitudinal explorations in children. *Neuropsychology*, *17*, 439-450.
- 66) Chan, A.S., He W., **Cheung, M.C.**, Bai, Z., Poon, W., Sun, D., Zhu, X., & Chan, Y. (2003). Cutaneous stimulation improves function of a chronic patient with cerebellar damage. *European Journal of Neurology*, *10*, 265-269.
- 67) **Cheung, M. C.**, Chan, A. S., Chan, Y. L., Yeung, D. K. W., Lam, J. M. K., He, W. J., & Chung, M. C. B. (2001). Variations in memory performance: Hippocampal versus frontal involvement. *NeuroImage*, *13*, 648.
- 68) **Cheung, M.C.**, Chan, A.S., Law, S.C., Chan, J.H., & Tse, V.K. (2000). Cognitive function of patients with nasopharyngeal carcinoma with and without temporal lobe radionecrosis. *Archives of Neurology*, *57*, 1347-1352.

- 69) Chan, A.S., **Cheung, M.C.**, Ho, Y.C., & He, W.J. (2000). Localized brain activation by selective tasks improves specific cognitive functions in humans. *Neuroscience Letters*, 283, 162-164.
- 70) **Cheung, M.**, Chan, A. S., Law, S., Chan, J., Tse, V., & Kong H. (1999). Cognitive functions of patients with and without MRI evidence of temporal lobe lesions after radiotherapy for their nasopharyngeal carcinoma. *Neurology*, 52, A200.
- 71) Chan, A.S., Ho, Y.C., & **Cheung, M.C.** (1998). Music training improves verbal memory. *Nature*, 396, 128.

#### Conference papers

- 1) **Cheung, M.C.**, Yip, J., Wong, C. S. H. (2019, May 21-24). *Quality of life among Young Female Adolescents with Regular Daily Use of Electronic/Video Games in Hong Kong*. Paper presented at the IISES International Academic Conference, London, United Kingdom.
- 2) **Cheung, M.C.**, Yip, J., Wong, C. S. H. (2019, April 1-3). *Influence of Computer and Smartphone Usage on Quality of Life in Young Female Adolescents in Hong Kong*. Paper presented at 2019 International Symposium on Education and Psychology (ISEP 2019). Fukuoka International Congress Center, Fukuoka, Japan.
- 3) **Cheung, M.C.**, Yip, J., Fok, L., Kwok, G. (2018, June 28-30). *Prevalence of pain and mood symptoms in female adolescents with early signs of scoliosis*. Paper presented at 2018 International Health Conference, Oxford, United Kingdom.
- 4) Kwok G., Yip J., **Cheung M. C.**, Yick K. L., (2017, May 4-6). *Development of Posture Correction Tank-Top Synchronized with Biofeedback Muscle Training for Adolescents with Early Scoliosis*. Paper presented at 12<sup>th</sup> SOSORT International Conference on Scoliosis, Lyon, France, (p.63-64).
- 5) **Cheung, M.C.**, Yip, J., Fok, LH. Kwok, G. (2017, May). *Health-related quality of life in adolescents with mild scoliosis*. Paper presented at The 31<sup>st</sup> International Academic Conference, London, United Kingdom.
- 6) **Cheung, M.C.**, & Chan, A.S. (2016, June). *Impact of Perceived Social Support on the Cognitive Function of Chinese Elderly*. Paper presented at the International Hokkaido Forum – Organizational Behavior, Psychology and Education, Sapporo, Japan.
- 7) Kwok G., Yip J., **Cheung M. C.**, Yick K. L., Tse C. Y., Ng S. P. (2016, June) *Posture Training Tank-Top For Adolescent Patients with Mild Idiopathic Scoliosis Synchronized with Electromyographic Signal*. Paper presented at Textile Summit and Postgraduate Student Conference, Hung Hom, Hong Kong
- 8) Kwok, G., Yip, J., **Cheung, M.C.**, Yick, K.L., Tse, C.Y., & Ng S.P. (2016, January) *Behavioral Training of Paraspinal Muscles in Sitting Position with Biofeedback for Adolescent Patients with Mild Idiopathic Scoliosis*. Paper presented at the CPCE Health Conference: Aging, Health and Long Term Care – Integrity, Innovation and Sustainability, Hung Hom, Kowloon, Hong Kong.



- 9) **Cheung, M.C.** & Chan, A.S. (2015, June). *Influence of Music Training on Memory Function and Brain Activity*. Paper presented at Joint US-Hong Kong International Social Work and Violence Prevention Conference, San Francisco, U.S.A.
- 10) Kwok, G., Yip, J., Yick, K.L., **Cheung, M.C.** (2014, December). *Posture training for mild adolescent idiopathic scoliosis by electromyography assessment*. Paper presented at Biomedical Engineering International Conference, Hong Kong.
- 11) **Cheung, M.C.**, & Chan, A. S. (2013, September). *Music training facilitates cortical synchronization during verbal memory encoding*. Paper presented at International Conference on Information and Social Science, Nagoya, Japan.
- 12) Yip, J., Liu, L.W., Leung, P.H.M., Yuen, C.W.M., & **Cheung, MC** (2013, August). *Development of antifungal insoles by using highly stable selenium nanoparticles (SeNPs)*. Paper presented at the 42nd Textile Research Symposium at Mt Fuji, Fuji Institute of Education and Training, Susono, Japan.
- 13) **Cheung, M.C.**, Chan, A.S., Law, D., Yip, J. (2013, March). *An EEG study of art appreciation*. Paper presented at International Symposium on Business and Social Science, Tokyo, Japan.
- 14) **Cheung, M.C.**, Tsang, P.M., Law, D., Yip, J. (2013, January). *Antecedents of green fashion consumerism in Hong Kong: investigating the influence of green apparel knowledge, collectivism, green concern and perceived consumer effectiveness*. Paper presented at the 9<sup>th</sup> International Conference on Environmental, Cultural, Economic & Social Sustainability, Hiroshima, Japan.
- 15) **Cheung, M.C.**, Chan, A.S., & Sze, S.L. (2012, October). *Provision of external organization facilitates learning and memory of children with Autism Spectrum Disorders*. Paper presented at the 4<sup>th</sup> Annual Asian Conference on Education, Osaka, Japan.
- 16) Law, D., **Cheung, M.C.**, & Wong, C. (2012, October). *A Grounded Theory Study of the Idea Generation Process of Chinese University Students: A Fashion Visual Merchandising Experience*. Paper presented at the 4<sup>th</sup> Annual Asian Conference on Education, Osaka, Japan.
- 17) **Cheung, M.C.**, Law, D., Yip, J., & Chan, A.S. (2012, May). *An EEG study of aesthetic judgment*. Paper presented at the 3<sup>rd</sup> Asian Conference on Social Sciences, Osaka, Japan.
- 18) **Cheung, M.C.**, Chan, A.S., & Sze, S.L. (2011, October). *Learning and memory impairment in high- and low-functioning autistic children*. Paper presented at the 3<sup>rd</sup> Annual Asian Conference on Education, Osaka, Japan.
- 19) Law, D., Wong, C., Yip, J., & **Cheung, M.C.** (2011, October). *Challenges and the Corresponding Solutions in Visual Design Education: The Case of Hong Kong Chinese Students*. Paper presented at the 3<sup>rd</sup> Annual Asian Conference on Education, Osaka, Japan.
- 20) **Cheung, M.C.**, & Chan, A.S. (2011, August). *Stimulation at acupoint of Shenmen facilitates brain activities associated with positive mood and sleepiness: A randomized controlled electrophysiological study*. Paper presented at the 21<sup>st</sup> World Congress on Psychosomatic Medicine, Seoul, Korea.

- 21) **Cheung, M.C.**, & Chan, A.S. (2010, December). *Differences in resting EEG coherence related to academic performance*. Paper presented at the 2<sup>nd</sup> Annual Asian Conference on Education, Osaka, Japan.
- 22) **Cheung, M.C.**, & Chan, A.S. (2010, November). *Brand names in the brain: An EEG study*. Paper presented at the Textiles Institute Centenary Conference, Manchester, UK.
- 23) **Cheung, M.C.**, & Chan, A.S. (2010, October). *fMRI activation associated with brand names: a category of proper nouns*. Paper presented at the 29<sup>th</sup> International Congress of Clinical Neurophysiology, Kobe, Japan.
- 24) **Cheung, M.C.**, & Chan, A.S. (2010, October). *Change in EEG activity associated with positive mood change after cutaneous stimulation over Shenmen*. Paper presented at the 29<sup>th</sup> International Congress of Clinical Neurophysiology, Kobe, Japan.
- 25) **Cheung, M.C.**, & Chan, A.S. (2010, July). *The Chinese version of Mattis Dementia Rating Scale in differentiating Dementia of Alzheimer's type in Chinese population*. Paper presented at the 7<sup>th</sup> Conference of the International Test Commission, Shatin, Hong Kong.
- 26) Sze, S. L., Chan, A.S., & **Cheung, M.C.** (2010, July). *Clinical values and applicability of the Hong Kong List Learning Test for Chinese population*. Paper presented at the 7<sup>th</sup> Conference of the International Test Commission, Shatin, Hong Kong.
- 27) **Cheung, M.C.**, & Chan, A.S. (2009, September). *Measures for brand knowledge: Comparison of testing formats, languages and product categories*. Paper presented at the 10<sup>th</sup> Asian Textile Conference, Ueda, Japan.
- 28) **Cheung, M.C.**, & Chan, A.S. (2009, September). *Electrophysiological Correlates of Brand Names*. Poster presented at the 10<sup>th</sup> Asian Textile Conference, Ueda, Japan.
- 29) **Cheung, M.C.**, Chan, A.S., Shi, D., & Sze, S. L. (2009, March). *Functional MRI study of Dejian Dan Tian breathing*. Poster presented at First Annual International Conference on Culture, Ethnicity, & Brain Injury Rehabilitation, Arlington, Virginia, U.S.A.
- 30) **Cheung, M.C.**, Chan, A.S., & Sze, S. L. (2009, March). *Sensitivity of Hong Kong List Learning Test in Chinese Head Injury Patients*. Poster presented at First Annual International Conference on Culture, Ethnicity, & Brain Injury Rehabilitation, Arlington, Virginia, U.S.A.
- 31) **Cheung, M.C.**, Chan, A.S., & Sze, S. L. (2009, March). *EEG Synchronization of Reading English Words and Chinese Characters*. Poster presented at First Annual International Conference on Culture, Ethnicity, & Brain Injury Rehabilitation, Washington, D.C., U.S.A.
- 32) **Cheung, M.C.**, Chan, A.S., Lam, J.M.K., & Chan, Y.L. (2009, February). *Post-surgical memory function associated with left mesiotemporal functional MRI activation in patients with right temporal lobe epilepsy*. Paper presented at the 37<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Atlanta, Georgia, U.S.A.
- 33) **Cheung, M.C.**, & Chan, A.S. (2009, February). *A quantitative electroencephalography study of reading English words and Chinese characters*. Poster presented at the 37<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Atlanta, Georgia, U.S.A.

- 34) Chan, A.S., Shi, D., **Cheung, M.C.**, & Sze, S. L. (2008, October). *Dejian Dan Tian breathing associated with bilateral frontal activation*. Poster presented at 5<sup>th</sup> World Congress for Psychotherapy, Beijing, China.
- 35) Chan, A.S., Shi, D., **Cheung, M.C.**, & Sze, S. L. (2008, October). *Dejian Mind-body intervention improves depressive mood of community-dwelling adults*. Poster presented at 5<sup>th</sup> World Congress for Psychotherapy, Beijing, China.
- 36) Chan, A.S., Shi, D., **Cheung, M.C.**, & Sze, S. L. (2008, October). *A case report of the effect of Dejian Mind-body Intervention on Autistic Spectrum Disorders*. Poster presented at 5<sup>th</sup> World Congress for Psychotherapy, Beijing, China.
- 37) **Cheung, M.C.**, Chan, A.S., Sze, S.L., & Leung, W. (2008, February). *Cutaneous Stimulation improves language and social interaction of children with Autistic Spectrum Disorders*. Poster presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Kona, Hawaii, U.S.A.
- 38) Chan, A. S., **Cheung, M.C.**, Chan, Y.L., Yeung, D.K.W., & Lam, W. (2008, February). *Bilateral frontal activation associated with cutaneous stimulation of elixir field: An fMRI Study*. Poster presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Kona, Hawaii, U.S.A.
- 39) Chan, A.S., **Cheung, M.C.**, & Sze, S.L. (2008, February). *Effect of mind/body training on children with behavioral and learning problems: A randomized controlled study*. Poster presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Kona, Hawaii, U.S.A.
- 40) **Cheung, M.C.**, Chan, A.S., Chan, Y.L., & Lam, J.M.K. (2007, July). *Post-surgical verbal memory outcome associated with right mesiotemporal functional MRI activation*. Paper presented at the 2007 Joint Mid-Year Meeting of the International Neuropsychological Society, Bilbao, Spain.
- 41) **Cheung, M.C.**, Sze, S. L., Chan, A. S. (2007, July). *External organization reduces hyper-intrahemispheric theta coherence in children with Autistic Spectrum Disorder*. Paper presented at the 2007 Joint Mid-Year Meeting of the International Neuropsychological Society, Bilbao, Spain.
- 42) Sze, S.L., Chan, A.S., **Cheung, M.C.**, Wong, P. (2007, February). *Hyper intrahemispheric theta coherence in children with Autistic Spectrum Disorder*. Poster presented at the 35<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Portland, Oregon, U.S.A.
- 43) **Cheung, M.C.**, Chan, A.S. & Ho, Y.C. (2006, July). *Pre-activating the mesial temporal lobe facilitates learning*. Paper presented at the INS/GNP/SVNP Mid-Year Meeting of the International Neuropsychological Society, Zurich, Switzerland.
- 44) Chan, A.S., Ho, Y.C., **Cheung, M.C.** (2006, July). *Mind-body exercise program improved the behavior and memory in children*. Paper presented at the INS/GNP/SVNP Mid-Year Meeting of the International Neuropsychological Society, Zurich, Switzerland.

- 45) **Cheung, M.C.**, Chan, A.S., Chan, Y.L., Lam, J.M.K., & Cheung, R.W.Y. (2004, November). *Naming impairment in the Chinese patients with left temporal lobe epilepsy: a fMRI study*. Poster presented at the 24th Annual Conference of the National Academy of Neuropsychology in Seattle, Washington, U.S.A.
- 46) **Cheung, M.C.**, Chan, A.S., Chan, Y.L., & Lam, J.M.K. (2004, February). *A fMRI study on language processing in Chinese patients with temporal lobe epilepsy*. Paper presented at the 32<sup>nd</sup> Annual Meeting of the International Neuropsychological Society, Baltimore, Maryland, U.S.A.
- 47) Chan, A.S., & **Cheung, M.C.** (2004, February). *Amnesia in a patient with bilateral lateral temporal lobectomy with spared hippocampus*. Paper presented at the 32<sup>nd</sup> Annual Meeting of the International Neuropsychological Society, Baltimore, Maryland, U.S.A.
- 48) **Cheung, M.C.**, Chan, A.S., Law, S.C., & Chan, J.H. (2003, April). *Alpha-tocopherol (vitamin E) improves the cognitive functions of patients with radionecrosis*. Poster presented at the 55<sup>th</sup> Annual Meeting of the American Academy of Neurology, Honolulu, Hawaii, U.S.A.
- 49) **Cheung, M.C.**, & Chan, A.S. (2002, July). *Neuropathological change in the mesial temporal lobe alters episodic memory*. Paper presented at the 24<sup>th</sup> Mid-Year Meeting of the International Neuropsychological Society, Stockholm, Sweden.
- 50) Chan, K.P., Chan, A.S., **Cheung, M.C.**, & Ho, Y. C. (2002, July). *Spontaneous plasticity of memory after brain activation tasks*. Paper presented at the 24<sup>th</sup> Mid-Year Meeting of the International Neuropsychological Society, Stockholm, Sweden.
- 51) He, W.J., Chan, A.S., **Cheung, M.C.**, Chan, Y.L., & Lam M.K. (2002, April). *Left temporal lobe epilepsy affects the neuro-cognitive processing of alphabetic & logographic languages*. Poster presented at the 54<sup>th</sup> Annual Meeting of the American Academy of Neurology, Denver, U.S.A.
- 52) **Cheung, M.C.**, & Chan, A.S. (2002, February). *Memory is not only mediated by the hippocampus but also its surrounding cortex*. Paper presented at the 31<sup>st</sup> Annual Meeting of the International Neuropsychological Society, Toronto, Canada.
- 53) Chan, A.S., Yeung, D.K.W., Chan, Y.L., He, W.J., **Cheung, M.C.**, Lam, M.K. & Chung, M. (2002, February). *Different neurocognitive semantic process for alphabetic & logographic languages*. Paper presented at the 31<sup>st</sup> Annual Meeting of the International Neuropsychological Society, Toronto, Canada.
- 54) Chan, A.S., He, W.J., Chan, Y.L., Yeung, D.K.W., **Cheung, M.C.**, Lam, M.K. & Chung, M. (2002, February). *Prefrontal involvement for memory retrieval: Bilateral better than unilateral*. Poster presented at the 31<sup>st</sup> Annual Meeting of the International Neuropsychological Society, Toronto, Canada.
- 55) Chan, Y.L., **Cheung, M.C.**, Chan, A.S., Yeung, D.K.W., Lam, M.K., & He, W.J. (2001, September). *fMRI in memory performance: Normal subjects versus patients with temporal lobe epilepsy*. Poster presented at the 4<sup>th</sup> Asian-Oceanian Congress of Neuroradiology and Head & Neck Radiology, Seoul, Korea.

- 56) **Cheung, M.C.**, Chan, A.S., Chan, Y.L., Yeung, D.K.W., Lam, J.M.K., He, W.J., & Chung, M.C.B. (2001, June). *Variations in memory performance: Hippocampal versus frontal involvement*. Poster presented at the 7<sup>th</sup> Annual Meeting of the Human Brain Mapping, Brighton, UK.
- 57) Yeung, D., Chan, A.S., Chan, Y.L., He, W.J., Lam, M.K., **Cheung, M.C.**, & Chung, C.B (2001, April). *Participation of the posterior inferior temporal cortex in retrieval and memory encoding of Chinese words*. Poster presented at the ISMRM & ESMRMB Joint Annual Meeting, Glasgow, Scotland, UK.
- 58) **Cheung, M.C.**, Chan, A.S., Law, S.C. (2001, February). *Volume of radionecrosis associated with cognitive deficits*. Poster presented at the 29<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Chicago, USA.
- 59) **Cheung, M.C.**, Chan, A.S., Law, S.C., Chan, J.H., Tse, V.K. (1999, April). *Cognitive functions of patients with and without MRI evidence of temporal lobe necrosis after radiotherapy of their nasopharyngeal carcinoma*. Poster presented at the 51<sup>st</sup> Meeting of the American Academy of Neurology, Toronto, Canada.

#### ***Invited books/book chapters***

- 1) Yip, J., Liu, P.Y., Yick, K.L., **Cheung, M.C.**, Tse, C.Y., & Ng, S.P. (2016). Effect of a Functional Garment on Postural Control for Adolescents with Early Scoliosis: A Six-Month Wear Trial Study. In R. Goonetilleke & W. Karwowski (Eds.), *Advances in Physical Ergonomics and Human Factors* (pp. 143-154). New York: Springer.
- 2) Law, D., Wong, W.C. & **Cheung, M.C.** (2015). *Association of aesthetic experiences with atmospheric management*. Retrieved from: <https://www.lap-publishing.com/catalog/details//store/gb/book/978-3-659-44127-1/association-of-aesthetic-experiences-with-atmospheric-management>
- 3) Chan, A.S., Han, Y. M., **Cheung, M.C.** (2014). Chinese *Chan*-based prospective neuropsychological intervention for autistic children. In V. B. Patel, V. R., Preedy, & C. R. Martin (Eds.), *The Comprehensive Guide to Autism* (pp. 2333-2355). New York: Springer.
- 4) Han, Y. M., **Cheung, M.C.**, Sze, S., Chan, A.S. (2014). Altered immune function associated with neurophysiologic abnormalities and executive function deficits in children with autism. In V. B. Patel, V. R., Preedy, & C. R. Martin (Eds.), *The Comprehensive Guide to Autism* (pp.1611-1625). New York, Springer.
- 5) **Cheung, M.C.**, Han, Y.M.Y, Chan, A.S., & Sze, S.L. (2013). Behavioral and neural investigation of brand names. In W. D., Evans (Ed), *Psychology of Branding* (pp.111-130). Hauppauge, NY: Nova Science Publishers.
- 6) Chan, A.S., Leung, W.W., & **Cheung, M.C.** (2011). Neuropsychology in China. In D. Fujii (Ed.), *The Neuropsychology of Asian-Americans* (pp.201-217). New York, Psychology Press.
- 7) Chan, A.S., Leung, W.W. & **Cheung, M.C.** (2010). Clinical neuropsychology in China. In M. Bond (Ed.), *Oxford Handbook of Chinese Psychology* (pp.383-397). New York, Oxford University Press.
- 8) Chan, A.S., **Cheung, M.C.**, & Sze, S.L. (2008). Effect of mind/body training on children

with behavioral and learning problems: A randomized controlled study. In B. N. DeLuca (Ed.), *Mind-body and Relaxation Research Focus* (pp.165-193). Hauppauge, NY: Nova Science Publishers.

### ***Books Authored***

- 1) Chan, A.S., Poon, M., Choi, A., & **Cheung, M.C.** (2001). *Chinese version of Dementia Rating Scale* (痴呆症衡量表). Odessa, FL: Psychological Assessment Resources, Inc.

## **KNOWLEDGE TRANSFER ACTIVITIES**

### **Patents**

- 1) **US Patent - Bracewear for spinal correction and system for posture training**  
A US patent has been granted (US. Patent No.: US20220117769A1) by United State Patent and Trademark Office, Date of Publication: 21 Apr, 2022 “Bracewear for spinal correction and system for posture training”
- 2) **HK Patent – Body-sensing tank top with biofeedback system for patients with scoliosis**  
A HK patent has been granted (HK Patent no. HK1226621) by Patents Registry, Intellectual Property Department, HKSAR, Date of Publication: 13 Dec, 2019 “Body-sensing tank top with biofeedback system for patients with scoliosis”
- 3) **US Patent – Biofeedback system with body mapping clothing for patients with adolescent idiopathic scoliosis**  
A US patent has been granted (U.S. Patent no: US2019/0307394 A1) by United State Patent and Trademark Office, Date of Publication: 1 Oct, 2019 “Biofeedback system with body mapping clothing for patients with adolescent idiopathic scoliosis”
- 4) **US Patent – Body-sensing tank top with biofeedback system for patients with scoliosis**  
A US patent has been granted (U.S. Patent no. US 2016/0220174 A1) by United State Patent and Trademark Office, Date of Publication: 4 Aug, 2016 “Body-sensing tank top with biofeedback system for patients with scoliosis”
- 5) **China Patent – Body-sensing tank top with biofeedback system for patients with scoliosis**  
A China patent has been granted for this design (China Patent no. CN105748037), Date of Patent: 13 July, 2016 “具有用于患脊柱侧凸的患者的生物反馈系统的体感背心”

### **Other Knowledge Transfer Activities**

- 1) Funding name: Knowledge Transfer Project Fund
- 2) Project title and KPF reference number: An Evidence-Based Neuropsychological Intervention for Mildly Cognitive/ Emotionally Deteriorating Elderly in Hong Kong (KPF15ICF07)
- 3) Role in the project: Project Collaborator
- 4) Funded amount: HKD393,534
- 5) Project details and information: An intervention for older adults who show early signs of cognitive and/or mood disorders. The intervention is based on Chinese culture and empirical evidence shows that it is effective for improving the cognitive function and emotional state of older adults in Hong Kong (April 2015 to September 2016).

## **RESEARCH GRANTS**

### **Summary**

Research grant as Principle Investigator:	17 (CUHK: 8)
Amount of funding:	HKD6,615,516 (CUHK: HKD4,495,166)
Research grant as Co-Investigator:	21 (CUHK: 13)
Amount of funding:	HKD32,983,690 (CUHK: HKD16,863,421)
Teaching and learning grant as Co-Investigator:	1
Amount of funding:	HKD100,000

### **Research grant activities**

#### **As PI/Co-PI**

##### **CUHK**

- 1) **General Research Fund 2022 – 2023, Research Grants Council (PI)**  
Project Title: Family-based Intervention for Adolescents with Scoliosis during Brace Treatment: A Mixed Methods Approach  
Funded amount: HKD981,034, Duration: 1 January, 2023 to 31 December, 2024
- 2) **CUHK Research Committee Funding (Direct Grants) for Research 2020-21 (PI)**  
Project Title: Influence of Computer and Smartphone Use on the Quality of Life of Young Adolescents in Hong Kong during COVID-19: A Mixed Methods Approach  
Funded amount: HKD50,000, Duration: 30 June, 2021 to 29 June, 2023
- 3) **General Research Fund 2019 – 2020, Research Grants Council (PI)**  
Project Title: Improving Quality of Life in Adolescents with Mild Scoliosis Using Biofeedback Posture Training: A Mixed Methods Approach  
Funded amount: HKD872,000, Duration: 1 January, 2020 to 31 December, 2022
- 4) **Commissioned Research Project by The Boys' and Girls' Clubs Association of Hong Kong 2017-2020 (Co-PI)**  
Project Title: Research Study on the Intergenerational Transmission of Trauma and the Trauma Treatment Service for Children  
Funded amount: HKD927,732, Duration: 1 November, 2017 to 31 May, 2020
- 5) **CUHK Research Committee Funding (Direct Grants) for Research 2016-17 (PI)**  
Project Title: Quality of life and Myoelectric Activity of Paraspinal Muscles in Adolescents with Mild Scoliosis : Effects of Posture Correction Girdle  
Funded amount: HKD47,500, Duration: 1 June, 2017 to 31 May, 2019
- 6) **Commissioned Research Project by Social Welfare Department 2016 (PI)**  
Project title: Evaluative Study on Pilot Project on Strengthening Support for Persons with Autism and Their Parents/Carers  
Funded amount: HKD1,394,160, Duration: 9 September, 2016 to 31 August, 2018
- 7) **South China Programme Research Fund 2016 (PI)**  
Project Title: Long-term Psychological Outcomes of Young Adolescent Survivors at 8 years after Sichuan Earthquake Experienced in Childhood  
Funded amount: HKD188,000, Duration: 1 June, 2016 to 30 November, 2017

- 8) **CUHK Research Committee Funding (Direct Grants) for Research 2013-14 (PI)**  
Project Title: Music Training Facilitates Cortical Connectivity of Memory Processing  
Funded amount: HKD34,740, Duration: 1 June, 2014 to 31 May, 2015

PolyU

- 9) **Internal Grant for Proposals Rated 3.5 in GRF 2012-13**  
Project Title: Visual Aesthetics in the Brain  
Funded amount: HKD205,000, Duration: September 2013 to August 2015
- 10) **Internal Competitive Research Grant 2011-2012**  
Project Title: Aesthetic Fashion Design: A Behavioural and Neural Investigation to Consumer-Fashion Design Relationship  
Funded amount: HKD200,000, Duration: September 2012 to August 2014
- 11) **Internal Grant for Proposals Rated 3.5 in GRF 2010- 11**  
Project Title: Cortical Neurodynamics of Memory and Language Processing  
Funded amount: HKD105,000, Duration: July 2011 to December 2013
- 12) **Competitive Research Grants for Newly Recruited Junior Academic Staff 2009-2010**  
Project Title: Brain Activation Associated with Brand Knowledge: Effect of Familiarity and Product Category  
Funded amount: HKD50,350, Duration: September 2010 to February 2013
- 13) **Internal Competitive Research Grant 2008-2009**  
Project Title: Neural Correlates Associated with Sensory Comfort of Fabrics  
Funded amount: HKD120,000, Duration: September 2009 to February 2012
- 14) **Niche Area Research Grant 2008-2009**  
Project Title: Brain Science for Interactive Fabrics and Apparel: a Functional MRI Study  
Funded amount: HKD1,000,000, Duration: May 2008 to April 2012
- 15) **Departmental General Research Funds 2007-2008**  
Project Title: fMRI Activation Associated with Brand Names  
Funded amount: HKD200,000, Duration: June 2008 to May 2010
- 16) **Internal Competitive Research Grant 2007-2008**  
Project Title: Measures for and Neural Correlates of Brand Knowledge: Comparison of Testing Modality, Language and Product Categories  
Funded amount: HKD120,000, Duration: September 2008 to December 2009
- 17) **Internal Competitive Research Grant 2006-2007**  
Project Title: Brand Names in the Brain: an EEG study  
Funded amount: HKD120,000, Duration: September 2007 to February 2009

As a Co-I

CUHK

- 1) **Lee Hysan Foundation**  
Project title: Healthy Spine Project - Non-surgical Treatments for Adolescents with Spinal Deformity  
Funded amount: HKD2,000,000, Duration: 1 January, 2021 to 31 December, 2023



- 2) **The Hong Kong Polytechnic University - Project of Strategic Importance**  
Project title: Healthy Spine Project - Non-surgical Treatments for Adolescents with Spinal Deformity  
Funded amount: HKD2,000,000, Duration: 2 December, 2021 to 30 November, 2023
- 3) **Beat Drug Fund, 2019**  
Project Title: Building Capacity among Practitioners and Students of Social Work and Health Care Professions for Anti-Drug Work with Young Adults, Pregnant Women/Mothers, and Sexual Minorities: An Integrated Humanistic and Cognitive-Behavioral Training Program Augmented by an Online Learning Platform  
Funded amount: HKD1,721,112, Duration: 16 June, 2020 to 15 June, 2023
- 4) **Innovation and Technology Commission - Innovation and Technology Support Programme (ITSP)**  
Project Title: AI-assisted Personal Training Gear to Monitor and Enhance Exercise Performance  
Funded amount: HKD1,398,827, Duration: 1 July, 2020 to 31 December, 2022
- 5) **General Research Fund 2019 – 2020, Research Grants Council**  
Project Title: Photoneuromodulation for Mild Cognitive Impairment  
Funded amount: HKD646,846, Duration: 2 September, 2020 to 1 September, 2022
- 6) **The Toyota Foundation**  
Project Title: Harmonisation Towards the Establishment of Person-centred, Robotics-aided Care System (HARP: RoCS)  
Funded amount: HKD57,544, Duration: 1 May, 2019 to 31 July, 2022
- 7) **Innovation and Technology Fund Project 2018-2019**  
Project Title: Posture Training Bodywear for Older Adults with Degenerative Scoliosis  
Funded amount: HKD1,399,895, Duration: 1 January, 2019 to 30 June, 2022
- 8) **Health and Medical Research Fund 2017- 2018**  
Project Title: Using Transcranial Direct Current Stimulation to Enhance Cognitive Function in Autism Spectrum Disorder: A Randomized Controlled Study  
Funded amount: HKD1,251,000, Duration: 1 July, 2019 to 30, June, 2022
- 9) **The Chinese University of Hong Kong - Research Committee - Project Impact Enhancement Fund**  
Project title: The Chinese University of Hong Kong - Research Committee - Project Impact Enhancement Fund  
Funded amount: HKD500,000, Duration: 1 August, 2021 to 31 May, 2022
- 10) **Beat Drug Fund, 2017**  
Project Title: Enhancing Competence in Anti-drug Work among Practitioners and Students of Social Work and Healthcare Professions: An Integrated Humanistic and Cognitive-Behavioral Training Program with Focus on High-risk Youth and Drug Rehabilitation Service Settings  
Funded amount: HKD946,910, Duration: 16 June, 2018 to 15 September, 2020
- 11) **Beat Drug Fund, 2015**

Project Title: An Integrated Humanistic and Cognitive-Behavioral Training Program to Promote Effective and Sustained Anti-Drug Work among Practitioners and Students of Social Work and Healthcare Professionals.

Funded amount: HKD817,650, Duration: 16 June, 2016 to 15 June, 2018

**12) Beat Drug Fund, 2014**

Project Title: A Holistic Parent Counselling, Education and Support Programme for Drug-Abusing Parents

Funded amount: HKD3,730,103, Duration: 1 September, 2015 to 31 August, 2018

**13) Knowledge Transfer Project Fund, 2014-15, CUHK**

Project Title: An Evidence-Based Neuropsychological Intervention for Mildly Cognitive/Emotionally Deteriorating Elderly in Hong Kong

Funded amount: HKD393,534, Duration: 1 April, 2015 to 30 September, 2016

PolyU

**14) Innovation and Technology Fund Project 2013-2014, ITC**

Project Title: An Innovative Body-Mapping Tank Top equipped with biofeedback system for Adolescents with Early Scoliosis

Funded amount: HKD999,925, Duration: July 2014 to December 2015

**15) Internal Competitive Research Grant 2011-2012, PolyU**

Project Title: Development of Antifungal Insoles by Using Highly Stable Selenium Nanoparticles (SeNPs)

Funded amount: HKD150,264, Duration: August 2012 to July 2014

**16) Learning & Teaching Research Grant 2009-2010, PolyU**

Project Title: Engaged Learning Approach in Work-Integrated Education

Funded amount: HKD100,000, Duration: July 2010 to Dec 2011

**17) Niche Area Research Grant 2008-2009, PolyU**

Project Title: Visual Perception of Beauty and Its Application in Fashion Design

Funded amount: HKD1,959,200, Duration: May 2008 to April 2012

**18) Niche Area Research Grant 2008-2009, PolyU**

Project Title: Multi-functional and Intelligent Textiles and Apparel

Funded amount: HKD11,243,600, Duration: May 2008 to April 2012

**19) Inter-Faculty Competitive Research Grant 2007-2008, PolyU**

Project Title: Perception of Facial Beauty and Its Relationship with Fashion Design

Funded amount: HKD330,000, Duration: April 2008 to September 2011

**20) Inter-Faculty Competitive Research Grant 2007-2008, PolyU**

Project Title: Promising Anti-Alzheimer's Dimer Bis(7)-tacrine: Molecular Characterization of Targeting Aberrant APP/Amyloid Cascade through Multiple Sites

Funded amount: HKD160,000, Duration: June 2008 to June 2009

**21) RGC CERG 2007-2008**

Project Title: Cortical synchronization associated with memory impairments in children with Autistic Spectrum Disorder

Funded amount: HKD740,000, Duration: August 2007 to July 2009

## 22) **RGC CERG 2005-2006**

Project Title: Cortical Electrodynamics Associated with Language and Social Impairment in Autism

Funded amount: HKD537,280, Duration: September 2005 to July 2007

## **RESEARCH CONTRACTS**

- 1) PI, Evaluative study on pilot project on strengthening support for persons with Autism and their parents/carers, granted by Social Welfare Department for the sum of HKD1,394,160.00 out of HKD1,394,160.00 (09 September, 2016 to 31 August, 2018)

## **AWARDS AND HONORS**

- 1) Faculty of Social Science Exemplary Teaching Award 2018
- 2) Vice-Chancellor's Exemplary Teaching Award 2018
- 3) Project Title: An Innovative Tank-top with Biofeedback System for Adolescents with Early Scoliosis
  - Gold Medal - The 45<sup>rd</sup> International Exhibition of Inventions, Geneva, Switzerland (29 March – 2 April, 2017)
  - Special Award – Romanian Association for Nonconventional Technologies, Bucharest, Romania presented at the 45<sup>th</sup> International Exhibition of Inventions, Geneva, Switzerland (29 March – 2 April, 2017)
- 4) Project Title: Posture Correction Girdle for Adolescents with Early Scoliosis
  - Gold Medal - The 43<sup>rd</sup> International Exhibition of Inventions Geneva, Switzerland (15-19 April, 2015)
  - A Diploma for the high scientific and technological level of the invention, Scientific Community of Romania (15 - 19 April, 2015)

## **SERVICES TO GRANTING AGENCIES**

Reviewer, General Research Fund, Research Grant Council (2021)

Reviewer, Multi-Year Research Grant (MYFG2017-00127-FSS) awarded by University of Macau, Hong Kong (November to December 2016)

## **EDITORSHIP**

- 1) Journal of Language Research (2018-present)
- 2) Madridge Journal of Behavioral and Social Sciences (2018-present)
- 3) Archives of Neurology and Neuro Disorders (2018-present)
- 4) Journal of Alzheimer's, Parkinsonism and Dementia (2018 – present)
- 5) International Journal of Autism & Related Disabilities (2018 – present)
- 6) Global Scientific Research Journal of Anxiety And Depression (2018-present)

- 7) Research Advances in Brain Disorders and Therapy (2018-present)
- 8) Journal of Neurobehavioral Science and Psychiatric Disorders (2018-present)
- 9) Psychology Research and Behavior Management (Associate Editor, 2018 – present)
- 10) Journal of Brain, Behavior and Cognitive Sciences (2017-present)
- 11) Annals of Behavioral Science (2015-present)
- 12) Asian Journal of Neuroscience (2013-present)
- 13) Advances in Neuroscience Research (2013-present)
- 14) Neuropsychology (Consulting Editor, 2013-present)
- 15) International Journal of Brain and Cognitive Science (2012-present)
- 16) International Journal of Psychological Studies (2011-present)
- 17) World Journal of Psychiatry (2011-2015)
- 18) World Journal of Neurology (2011-2015)

### **INVITED PRESENTATIONS/ LECTURES**

- 1) Invited Symposium presentation at the 4<sup>th</sup> Annual Scientific Meeting of the Hong Kong Society of Biological Psychiatry (Hong Kong SAR, China), “Neuroimaging of memory processing in epilepsy”, 8 – 9 January, 2010.
- 2) Lecture for Advanced Postgraduate Diploma in Education (Guidance and Counselling) Programme (offered by Hong Kong Institute of Educational Research, The Chinese University of Hong Kong), “Theoretical Perspective in Counselling”, 2006-2007
- 3) Lecture for Advanced Postgraduate Diploma in Education (Guidance and Counselling) Programme (offered by Hong Kong Institute of Educational Research, The Chinese University of Hong Kong), “Theoretical Perspective in Counselling”, 2005-2006.
- 4) Lecture for Advanced Postgraduate Diploma in Education (Guidance and Counselling) Programme (offered by Hong Kong Institute of Educational Research, The Chinese University of Hong Kong), “Theoretical Perspective in Counselling”, 2004-2005.
- 5) Lecture for Master of Arts in Psychological Counselling and Psychotherapy (jointly offered by Departments of Psychology, The Chinese University of Hong Kong and Peking University, Beijing China), “Cognitive and Neuropsychological Assessment.” 14 to 17 December, 2003.
- 6) Invited symposium presentation at International Psychogeriatric Association’s Asia Pacific Regional Meeting (Hong Kong SAR, China), “Assessment on Dementia.” 23-26 October, 2002.
- 7) Invited symposium presentation on Brain Plasticity, 24<sup>th</sup> Mid-Year Meeting of the International Neuropsychological Society (Stockholm, Sweden), “Mapping the Neuroplasticity of Memory”, organized by Chan, A. & Cheung, M. 24-27 July, 2002.
- 8) Invited symposium presentation for Zhejiang University School of Medicine (Hangzhou, China), “Clinical Neuropsychology and Neuroimaging”. 26-28 June, 2002.

### **CONFERENCE ORGANIZATION**

- 1) Scientific Committee Member, An International Conference on Neuropsychology: the East Meet the West, 20-23 May, 2003, Hong Kong
- 2) Program Committee Member, 34<sup>th</sup> Annual Meeting of International Neuropsychological Society, February 2006, Boston, MA, USA
- 3) Scientific Committee Member, The 86<sup>th</sup> Textile Institute World Conference, 18-21 November, 2008, Hong Kong

### **PROFESSIONAL SOCIETY ACTIVITIES**

Vice Chairperson, Hong Kong Neuropsychological Association (2004 – Present)

### **VISITING / HONORARY EXTERNAL APPOINTMENTS**

Honorary Senior Clinical Psychologist, Kwai Chung Hospital without remuneration (October 2015 to April 2017)

### **POSTGRADUATE STUDENTS** (Please refer to Teaching File for further details)

#### **Graduated**

**MPhil student: 1**

#### **Under supervision**

**PhD student: 2**

### **INTERNAL SERVICE**

#### **Department**

- 1) Programme Director, Committee on MSSc in Social Work Programme, Department of Social Work, The Chinese University of Hong Kong (1 August, 2019- Present)
- 2) Acting Chairperson, Department of Social Work, The Chinese University of Hong Kong (22 July, 2019 to 31 July, 2019)
- 3) Acting Chairperson, Department of Social Work, The Chinese University of Hong Kong (1 July, 2019 to 5 July, 2019)
- 4) Guest Speaker, CPE course on Social Work for Kindergarten Series, Department of Social Work (15 Feb & 7 May, 2019)
- 5) Panel Member, Harold Ho Memorial Scholarship in Social Work, 2018/2019 (02 October, 2018)
- 6) Panel Member, Working Group of Pre-employment Workshop (26 September, 2018 to 31 May, 2019)
- 7) Chairperson, Committee on Departmental Resources, Department of Social Work, The Chinese University of Hong Kong (01 August, 2018 – 31 July, 2019)
- 8) Academic Advisor (Level II), Undergraduate Programme (Chung Chi College), Department of Social Work, The Chinese University of Hong Kong (01 August, 2018 – 31 July, 2019)
- 9) Committee Member, Student-Staff Consultation Committee for Undergraduate Programme, Department of Social Work, The Chinese University of Hong Kong (01 August, 2018 – 31 July, 2019)

- 10) Member, Madam Tan Jen Chiu Fund Committee, Department of Social Work, The Chinese University of Hong Kong (01 August, 2018 to 31 July, 2020)
- 11) Committee Member, Committee on MSSc in Social Work Programme, Department of Social Work, The Chinese University of Hong Kong (1 August, 2017- 31 July, 2019)
- 12) Panel Member, Admission Interview for Postgraduate Programme (03 February, 2015; 16 December, 2016)
- 13) Panel Member, Selection Interview for Non-local Placement (24 October, 2016; 31 October, 2017; 19 September, 2018)
- 14) Panel Member, HSBC Social Work Scholarship Interview (25 November, 2016; 24 March, 2017; 13 December, 2017; 16 March, 2018)
- 15) Speaker for Admission Talk, Department of Social Work, Info Day (14 October, 2017; 20 October, 2018)
- 16) Academic Advisor (Level 1), MSSc Part-time Year 3, Department of Social Work, The Chinese University of Hong Kong (01 August, 2016 to 31 July, 2017)
- 17) Academic Advisors, Level 1, Postgraduate Programme (MSSc part-time Year 2 students), Department of Social Work, The Chinese University of Hong Kong, Hong Kong (01 August, 2015 to 31 July, 2016)
- 18) Facilitator and Coordinator, US-HK 2015 Conference: Putting aging research & clinical practice in cultural context (05 January, 2015 to 06 January, 2015)
- 19) Guest Speaker, Family and Group Practice Research Center, Department of Social Work (20 September, 2014; 29 November, 2014, 2014; 18 July, 2015; 12 September, 2015; 3 March, 2018; 9 June, 2018; 12 January, 2019; 23 March, 2019)
- 20) Acting Chairperson, Department of Social Work, The Chinese University of Hong Kong (30 October, 2014 to 1 November, 2014)
- 21) Programme Coordinator, The Research Programme for Aging and Elderly Care (01 August, 2014 - Present)
- 22) Acting Graduate Division Head, Department of Social Work, The Chinese University of Hong Kong (7 July, 2014 to 9 July, 2014)
- 23) Acting Chairperson, Department of Social Work, The Chinese University of Hong Kong (6 July, 2014 to 9 July, 2014)
- 24) 社會工作系學生臺灣社會福利考察交流團顧問 (25 May, 2014 to 1 June, 2014)
- 25) Member, CUHK Social Work Alumni Association (25 March, 2014 - Present)
- 26) Panel Member, Admission Interviews for Undergraduate Programme (10 February, 2014 - Present)
- 27) Committee Member, Undergraduate Programme & Curriculum Committee (UPCC), Department of Social Work, The Chinese University of Hong Kong (2 January, 2014 - Present)
- 28) Committee Member, Admissions Committee, Department of Social Work, The Chinese University of Hong Kong (2 January, 2014 - Present)
- 29) Committee Member, Assessment Panel, Department of Social Work, The Chinese University of Hong Kong (2 January, 2014 - Present)

### **Faculty**

- 1) Panel Member, Faculty Interview of College Big Scholarships 2018/2019 (SSF) (15 September, 2018)
- 2) Reviewer of Teaching Quality Assessment, Peer Review for Advancement to Senior Lecturer - Dr. Lee Ka Kiu in Department of GPA (15 November, 2016)

### **College**

- 1) College Coordinator, Chung Chi College (1 August, 2018 – 31 July, 2019)
- 2) Panel Member, Wan Yat Shing Outstanding Social Service Memorial Award 2018/2019 (27 February, 2019)
- 3) Panel Member, Chau Chi Chai Memorial Scholarship 2017/2018 (29 January, 2018)
- 4) Procession Member, Chung Chi Graduation Ceremony (16 November, 2017; 15 November, 2018)
- 5) Interview Panel Member, Student Visitor Programme Committee, Chung Chi College (16 February, 2017 - Present)
- 6) Procession Member, Founder's Day Thanksgiving Service, Chung Chi College (28 October, 2016; 26 October, 2018)
- 7) Committee Member, Student Visitor Programme Committee, Chung Chi College (1 August, 2015 – 31 July, 2019)
- 8) Interview Panel Member, Student Services Awards Sub-Committee, Chung Chi College (25 February, 2015 - Present)
- 9) Committee Member, Student Services Awards Sub-Committee, Chung Chi College (29 May, 2014 - Present)
- 10) Participant of College Assembly and other activities, Chung Chi College (5 September, 2014 - Present)

### **University**

- 1) Third-cycle Undergraduate Programme Reviews 2015-16 to 2018-19 for B. Sc. Programme in Environmental Science (Faculty of Science), Panel Member (28 November, 2017)
- 2) Third-cycle Undergraduate Programme Reviews 2015-16 to 2018-19 for B. Sc. Programme in Exercise Science and Health Education (Department of Sports Science and Physical Education, Faculty of Education), Panel Member (25 April, 2017)
- 3) Programme Review for Professional Diploma Programmes in Guidance and Counselling, Parent Education, School Discipline and Classroom Management (Hong Kong Institute of Educational Research), Chairperson (16 April, 2015)

### **EXTERNAL SERVICE**

- 1) VIP guest, 2016 Healthy Buddies Celebration Day "Celebrating a Community of HEALTH, BEAUTY, LOVE AND LIFE", Hong Kong (10 September, 2016)
- 2) Co-organizer (Gift of Beauty), Kwong Wah Hospital Family Medicine and General Out-Patient Department, Kwong Wah Hospital Allied Health Services, Hong Kong (4 May, 2016 to 10 September, 2016)
- 3) Intergenerational Healthy Buddies Partnership Program – Gift of Beauty (collaboration with Hong Kong Primary Care for Chronic Disease Association, Kwong Wah Hospital, and Institute of Textiles and Clothing, The Hong Kong Polytechnic University) (April to September 2016)
- 4) External Examiner, The Hong Kong Polytechnic University (1 July, 2015 to 31 January, 2016)
- 5) Invited Speaker, Caritas-Hong Kong (27 July, 2015; 3 August, 2015)
- 6) Columnist, 明報教育副刊 (14 March, 2016)
- 7) Honorary Senior Clinical Psychologist, Kwai Chung Hospital (October 2015 to April 2017)
- 8) 大舜政策研究中心 Interviewee (10 November, 2014)
- 9) Fellow, Hong Kong Psychological Society Division of Clinical Psychology (2005 - Present)
- 10) Vice-Chairperson, Hong Kong Neuropsychological Association, Hong Kong (2004 - Present)
- 11) Member, International Neuropsychological Society, Hong Kong (2003 - Present)

12) Member, Social Workers Registration Board, Hong Kong (2002 - Present)