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EDUCATION

B.A	The University of Michigan, 1985-1987
M.S.W.	The University of Michigan, 1987-1989
M.A. (Psychology)	The University of Michigan, 1987-1989
Ph.D. (Clinical Neuropsychology)	The University of California, San Diego and San Diego State University, 1990-1995

PROFESSIONAL EXPERIENCE

Professor	Department of Psychology, The Chinese University of Hong Kong	08/2004 – present
Associate Professor	Department of Psychology, The Chinese University of Hong Kong	01/2001– 07/2004
Assistant Professor	Department of Psychology, The Chinese University of Hong Kong	08/1996 –12/2000

RESEARCH INTEREST

- *Cognitive intervention*: Photobiomodulation, lifestyle medicine and eye-tracking technology.
- *Early Detection of cognitive deterioration*: neuropsychological assessment and Functional near-infrared spectroscopy (fNIRS).
- *Cognitive impairment associated with brain disorders*: Alzheimer's disease and temporal lobe damage and autistic spectrum disorders.

RESEARCH OUTPUTS

Journal papers (total number: 119, number of Q1 paper: 66, number of first or corresponding author paper: 79, highest citation corresponding-author paper: 935, total citation: 6600, h-index:41, i10-index:88, as of April 1st 2022 source: google scholar)

[1] Chan, A. S., Butters, N., Paulson, J. S., Salmon, D. P., Swenson, M. R., & Maloney, L. T. (1993). An assessment of the semantic network in patients with Alzheimer's disease. *Journal*

of *Cognitive Neuroscience*, 5(2), 254-261. <https://doi.org/10.1162/jocn.1993.5.2.254> (IF (1997) = 4.844, Rank 1/64, Q1, in “Psychology, Experimental” (SSCI))

[2] **Chan, A. S.**, Butters, N., Salmon, D. P., & McGuire, K. A. (1993). Dimensionality and clustering in the semantic network of patients with Alzheimer's disease. *Psychology and Aging*, 8(3), 411-419. <https://doi.org/10.1037/0882-7974.8.3.411> (IF (1997) = 1.946, Rank 6/49, Q1, in “Psychology, Developmental” (SSCI))

[3] Guo, Q. H., Lu, C. Z., **Chan, A. S.**, Hong, Z., & Dong, Q. (1993). Research of auditory verbal memory impairment following stroke of different subcerebral structures. *Chinese Journal of Clinical Psychology*, 02. [in Chinese]

[4] **Chan, A. S.**, Butters, N., Salmon, D. P., Johnson, S. A., Paulson, J. S., & Swenson, M. R. (1995). Comparison of the semantic network in patients with dementia and amnesia. *Neuropsychology*, 9(2), 177-186. <https://doi.org/10.1037/0894-4105.9.2.177> (IF (1997) = 2.064, Rank 7/85, Q1, in “Psychology, Clinical” (SSCI))

[5] **Chan, A. S.**, Salmon, D. P., Butters, N., & Johnson, S. A. (1995) Semantic network abnormality predicts rate of cognitive decline in patients with probable Alzheimer's disease. *Journal of the International Neuropsychological Society*, 1(3), 297-303. <https://doi.org/10.1017/S1355617700000291> (IF (2000) = 2.376, Rank 12/56, Q1, in “Psychology” (SCIE))

[6] Paulsen, J. S., Romero, R., **Chan, A. S.**, Davis, A. V., Heaton, R. K., & Jeste, D. V. (1996). Impairment of the semantic network in schizophrenia. *Psychiatry Research*, 63(2-3), 109-121. [https://doi.org/10.1016/0165-1781\(96\)02901-0](https://doi.org/10.1016/0165-1781(96)02901-0) (IF (1997) = 1.327, Rank 19/80, Q1, in “Psychiatry” (SSCI))

[7] **Chan, A. S.**, Butters, N., & Salmon, D. P. (1997). The deterioration of semantic networks in patients with Alzheimer's disease: A cross-sectional study. *Neuropsychologia*, 35(3), 241-248. [https://doi.org/10.1016/S0028-3932\(96\)00067-X](https://doi.org/10.1016/S0028-3932(96)00067-X) (IF (1997) = 2.267, Rank 12/64, Q1, in “Psychology, Experimental” (SSCI))

[8] Heindel, W. C., Salmon, D. P., Fennema-Notestine, C., & **Chan, A. S.** (1998). Repetition priming with nonverbal stimuli in patients with dementia of the Alzheimer type. *Neuropsychology*, 12(1), 43-51. <https://doi.org/10.1037/0894-4105.12.1.43> (IF (1998) = 2.613, Rank 5/87, Q1, in “Psychology, Clinical” (SSCI), Rank 10/53, Q1, in “Psychology” (SCIE))

[9] **Chan, A. S.**, Ho, Y. C., & Cheung, M. C. (1998). Music training improves verbal memory. *Nature*, 396(6707), 128-128. <https://doi.org/10.1038/24075> (IF (1998) = 28.833, Rank 1/62, Q1, in “Multidisciplinary Sciences” (SCIE))

[10] **Chan, A. S.**, Salmon, D., Nordin, S., Murphy, C., & Razani, J. (1998). Abnormality of semantic network in patients with Alzheimer's disease: Evidence from verbal, perceptual and olfactory domains. *Annals of the New York Academy of Sciences*, 855(1), 681-685. <https://doi.org/10.1111/j.1749-6632.1998.tb10645.x> (IF (1998) = 0.959, Rank 13/62, Q1, in “Multidisciplinary Sciences” (SCIE))

- [11] **Chan, A. S.**, Salmon, D. P., & De La Pena, J. (1999). Conceptual and perceptual contributions to the acquisition and retention of text-specific reading skill in Alzheimer's disease. *Journal of Clinical and Experimental Neuropsychology*, 21(3), 325-340. <https://doi.org/10.1076/jcen.21.3.325.923> (IF (1999) = 1.265, Rank 21/87, Q1, in "Psychology, Clinical" (SSCI))
- [12] **Chan, A. S.**, & Poon, M. W. (1999). Performance of 7- to 95-year-old individuals in a Chinese version of the category fluency test. *Journal of the International Neuropsychological Society*, 5(6), 525-533. <https://doi.org/10.1017/S135561779956606X> (IF (2000) = 2.376, Rank 12/56, Q1, in "Psychology" (SCIE))
- [13] **Chan, A. S.**, Chiu, H., Lam, L., Pang, A., & Chow, L. Y. (1999). A breakdown of event schemas in patients with schizophrenia: An examination of their script for dining at restaurants. *Psychiatry Research*, 87(2-3), 169-181. [https://doi.org/10.1016/S0165-1781\(99\)00051-7](https://doi.org/10.1016/S0165-1781(99)00051-7) (IF (1999) = 1.551, Rank 22/79, Q2, in "Psychiatry" (SSCI))
- [14] Salmon, D. P., Butters, N., & **Chan, A. S.** (1999). The deterioration of semantic memory in Alzheimer's disease. *Canadian Journal of Experimental Psychology/Revue canadienne de psychologie expérimentale*, 53(1), 108-117. <https://doi.org/10.1037/h0087303> (IF (1999) = 0.673, Rank 51/64, Q4, in "Psychology, Experimental" (SSCI))
- [15] **Chan, A. S.**, Kwok, I. C., Chui, H., Lam, L., Pang, A., & Chow, L. Y. (2000). Memory and organizational strategies in chronic and acute schizophrenic patients. *Schizophrenia Research*, 41(3), 431-445. [https://doi.org/10.1016/S0920-9964\(99\)00078-X](https://doi.org/10.1016/S0920-9964(99)00078-X) (IF (2000) = 3.506, Rank 6/78, Q1, in "Psychiatry" (SSCI))
- [16] **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(2), 162-164. [https://doi.org/10.1016/S0304-3940\(00\)00947-2](https://doi.org/10.1016/S0304-3940(00)00947-2) (IF (2000) = 2.091, Rank 88/203, Q2, in "Neurosciences" (SCIE))
- [17] 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(9), 1347-1352. <https://doi.org/10.1001/archneur.57.9.1347> (IF (2000) = 4.393, Rank 9/137, Q1, in "Clinical Neurology" (SCIE))
- [18] **Chan, A. S.**, Salmon, D. P., & De La Pena, J. (2001). Abnormal semantic network for "animals" but not "tools" in patients with Alzheimer's disease. *Cortex*, 37(2), 197-217. [https://doi.org/10.1016.S0010-9452\(08\)70568-9](https://doi.org/10.1016.S0010-9452(08)70568-9) (IF (2001) = 1.204, Rank 132/198, Q3, in "Neurosciences" (SCIE))
- [19] **Chan, A. S.**, Choi, M. K., & Salmon D. P. (2001). The effects of age, education, and gender on the Mattis Dementia Rating Scale performance of elderly Chinese and American individuals. *The Journals of Gerontology Series B: Psychological Sciences and Social Sciences*, 56(6), 356-363. <https://doi.org/10.1093/geronb/56.6.P356> (IF (2001) = 1.594, Rank 17/100, Q1, in "Psychology, Multidisciplinary" (SSCI))
- [20] **Chan, A. S.**, Ho, S., & Poon, W. S. (2002) Neuropsychological sequelae of patients treated with microsurgical clipping or endovascular embolization for anterior communicating

artery aneurysm. *European Neurology*, 47(1), 37-44. <https://doi.org/10.1159/000047945> (IF (2002) = 1.104, Q3, in “Clinical Neurology” (SCIE))

[21] **Chan, A. S.**, Tam, J., Murphy, C., Chiu, H., & Lam, L. (2002). Utility of olfactory identification test for diagnosing Chinese patients with Alzheimer’s disease. *Journal of Clinical and Experimental Neuropsychology*, 24(2), 251-259. <https://doi.org/10.1076/jcen.24.2.251.992> (IF (2002) = 1.333, Rank 29/83, Q2, in “Psychology, Clinical” (SSCI))

[22] Bondi, M. W., Serody, A. B., **Chan, A. S.**, Ebersson-Shumate, S. C., Delis, D. C., Hansen, L. A., & Salmon, D. P. (2002). Cognitive and neuropathologic correlates of Stroop Color-Word Test performance in Alzheimer’s disease. *Neuropsychology*, 16(3), 335-343. <https://doi.org/10.1037/0894-4105.16.3.335> (IF (2002) = 2.324, Rank 9/83, Q1, in “Psychology, Clinical” (SSCI))

[23] Cheung, M. C., & **Chan, A. S.** (2003). Memory impairment in humans after bilateral damage to lateral temporal neocortex. *Neuroreport*, 14(3), 371-374. https://journals.lww.com/neuroreport/fulltext/2003/03030/memory_impairment_in_humans_after_bilateral_damage.15.aspx (IF (2003) = 2.503, Rank 82/198, Q2, in “Neurosciences” (SCIE))

[24] **Chan, A. S.**, Choi, A., Chiu, H., & Lam, L. (2003). Clinical validity of the Chinese version of Mattis Dementia Rating Scale in differentiating dementia of Alzheimer’s type in Hong Kong. *Journal of the International Neuropsychological Society*, 9(1), 45-55. <https://doi.org/10.1017/S1355617703910058> (IF (2003) = 2.304, Rank 14/60, Q1, in “Psychology” (SCIE))

[25] Au, A., **Chan, A. S.**, & Chui, H. (2003). Verbal learning in Alzheimer’s dementia. *Journal of the International Neuropsychological Society*, 9(3), 363-375. <https://doi.org/10.1017/S1355617703930025> (IF (2003) = 2.304, Rank 14/60, Q1, in “Psychology” (SCIE))

[26] Cheung, M. C., **Chan, A. S.**, Law, S. C., Chan, J. H., & Tse, V. K. (2003). Impact of radionecrosis on cognitive dysfunction in patients after radiotherapy for nasopharyngeal carcinoma. *Cancer*, 97(8), 2019-2026. <https://doi.org/10.1002/cncr.11295> (IF (2009) = 5.418, Rank 21/166, Q1, in “Oncology” (SCIE))

[27] **Chan, A. S.**, He, W. J., Cheung, M. C., Bai, Z. K., Poon, W. S., Sun, D., Zhu, X. L., & Chan Y. L. (2003). Cutaneous stimulation improves function of a chronic patient with cerebellar damage. *European Journal of Neurology*, 10(3), 265-269. <https://doi.org/10.1046/j.1468-1331.2003.00573.x> (IF (2003) = 2.000, Rank 51/135, Q2, in “Clinical Neurology” (SCIE))

[28] **Chan, A. S.**, & Ho, Y. C. (2003). Things aren’t as bad as they seem: A comment on Storms et al. (2003). *Neuropsychology*, 17(2), 302-305. <https://doi.org/10.1037/0894-4105.17.2.302> (IF (2003) = 2.027, Rank 9/83, Q1, in “Psychology, Clinical” (SSCI))

[29] Ho, Y. C., Cheung, M. C., & **Chan, A. S.** (2003). Music training improves verbal but not visual memory: Cross-sectional and longitudinal explorations in children.

Neuropsychology, 17(3), 439-450. <https://doi.org/10.1037/0894-4105.17.3.439> (IF (2003) = 2.027, Rank 9/83, Q1, in “Psychology, Clinical” (SSCI))

[30] Au, A., **Chan, A. S.**, & Chiu, H. (2003). Conceptual organization in Alzheimer’s dementia. *Journal of Clinical and Experimental Neuropsychology*, 25(6), 737-750. <https://doi.org/10.1076/jcen.25.6.737.16468> (IF (2003) = 1.273, Rank 28/83, Q2, in “Psychology, Clinical” (SSCI))

[31] **Chan, A. S.**, Shum, D., & Cheung, R. W. (2003). Recent development of cognitive and neuropsychological assessment in Asian countries. *Psychological Assessment*, 15(3), 257-267. <https://doi.org/10.1037/1040-3590.15.3.257> (IF (2003) = 2.370, Rank 7/83, Q1, in “Psychology, Clinical” (SSCI))

[32] Woo, J., Lau, E., Ho, S. C., Cheng, F., Chan, C., **Chan, A. S.**, Haines, C. J., Chan, T. Y., Li, M., & Sham, A. (2003). Comparison of pueraria lobata with hormone replacement therapy in treating the adverse health consequences of menopause. *Menopause*, 10(4), 352-361. <https://doi.org/10.1097/01.GME.0000054764.94658.33> (IF (2003) = 3.319, Rank 3/53, Q1, in “Obstetrics & Gynecology” (SCIE))

[33] Cheung, R. W., Cheung, M. C., & **Chan, A. S.** (2004). Confrontation naming in Chinese patients with left, right or bilateral brain damage. *Journal of the International Neuropsychological Society*, 10(1), 46-53. <https://doi.org/10.1017/S1355617704101069> (IF (2004) = 2.950, Rank 9/60, Q1, in “Psychology” (SCIE))

[34] **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(2), 398-404. <https://doi.org/10.1002/cncr.11885> (IF (2009) = 5.418, Rank 21/166, Q1, in “Oncology” (SCIE))

[35] Wong, A., Mok, V. C., Yim, P., Fu, M., Lam, W. W., Yau, C., **Chan, A. S.**, & Wong, K. S. (2004). The executive clock drawing task (CLOX) is a poor screening test for executive dysfunction in Chinese elderly patients with subcortical ischemic vascular disease. *Journal of Clinical Neuroscience*, 11(5), 493-497. <https://doi.org/10.1016/j.jocn.2004.03.005> (IF (2004) = 0.834, Rank 114/140, Q4, in “Clinical Neurology” (SCIE))

[36] **Chan, A. S.**, Sze, S. L., & Cheung, M. C. (2004). Neuroanatomical basis in the temporal lobes for processing living things. *Neuropsychology*, 18(4), 700-709. <https://doi.org/10.1037/0894-4105.18.4.700> (IF (2004) = 2.357, Rank 9/84, Q1, in “Psychology, Clinical” (SSCI))

[37] Ho, Y., & **Chan, A. S.** (2005). Comparing the effects of mahjong playing and reading on cognitive reserve of the elderly. *Journal of Psychology in Chinese Societies*, 6, 5-26.

[38] **Chan, A. S.**, Cheung, J., Leung, W. W., Cheung, R., & Cheung M. C. (2005). Verbal expression and comprehension deficits in young children with autism. *Focus on Autism and Other Developmental Disabilities*, 20(2), 117-124. <https://doi.org/10.1177/10883576050200020201> (IF (2010) = 0.286, Rank 66/66, Q4, in “Psychology, Developmental” (SSCI))

- [39] **Chan, A. S.**, Ho, Y. C., Cheung, M. C., Albert, M. S., Chiu, H. F., & Lam, L. C. (2005). Association between mind-body and cardiovascular exercises and memory in older adults. *Journal of the American Geriatrics Society*, *53*(10), 1754-1760. <https://doi.org/10.1111/j.1532-5415.2005.53513.x> (IF (2005) = 3.479, Rank 2/24, Q1, in “Gerontology” (SSCI))
- [40] **Chan, A. S.**, & Leung, W. W. (2006). Differentiating autistic children with quantitative encephalography: A 3-month longitudinal study. *Journal of Child Neurology*, *21*(5), 391-399. <https://doi.org/10.1177/08830738060210050501> (IF (2006) = 1.350, Rank 34/74, Q2, in “Pediatrics” (SCIE))
- [41] **Chan, A. S.** (2006). Conducting functional magnetic resonance imaging studies on children: An adaptive process. *Journal of Bio-education*, *1*, 50-53. (in Chinese)
- [42] **Chan, A. S.**, Cheung, M. C., Chan, Y. L., Yeung, D. K., & Lam, W. (2006). Bilateral frontal activation associated with cutaneous stimulation of elixir field: An fMRI study. *American Journal of Chinese Medicine*, *34*(2), 207-216. <https://doi.org/10.1142/S0192415X06003771> (IF (2006) = 0.710, Rank 7/10, Q3, in “Integrative & Complementary Medicine” (SCIE))
- [43] Cheung, M. C., **Chan, A. S.**, Chan, Y. L., Lam, J. M., & Lam, W. (2006). Effects of illness duration on memory processing of patients with temporal lobe epilepsy. *Epilepsia*, *47*(8), 1320-1328. <https://doi.org/10.1111/j.1528-1167.2006.00556.x> (IF (2006) = 3.526, Rank 21/147, Q1, in “Clinical Neurology” (SCIE))
- [44] Cheung, M. C., **Chan, A. S.**, Chan, Y. L., & Lam, J. M. (2006). Language lateralization of Chinese-English bilingual patients with temporal lobe epilepsy: A functional MRI study. *Neuropsychology*, *20*(5), 589-597. <https://doi.org/10.1037/0894-4105.20.5.589> (IF (2006) = 3.123, Rank 7/86, Q1, in “Psychology, Clinical” (SSCI), Rank 11/60, Q1, in “Psychology” (SCIE))
- [45] **Chan, A. S.**, & Cheung, M. C. (2007). Pre-activating the mesial temporal lobe facilitates learning. *Neuroscience Letters*, *411*(3), 194-199. <https://doi.org/10.1016/j.neulet.2006.07.064> (IF (2007) = 2.085, Rank 125/211, Q3, in “Neurosciences” (SCIE))
- [46] **Chan, A. S.**, Sze, S. L., & Cheung, M. C. (2007). Quantitative electroencephalographic profiles for children with autistic spectrum disorder. *Neuropsychology*, *21*(1), 74-81. <https://doi.org/10.1037/0894-4105.21.1.74> (IF (2007) = 2.987, Rank 8/87, Q1, in “Psychology, Clinical” (SSCI))
- [47] Ho, S. C., **Chan, A. S.**, Ho, Y. P., So, E. K., Sham, A., Zee, B., & Woo, J. L. (2007). Effects of soy isoflavone supplementation on cognitive function in Chinese postmenopausal women: A double-blind, randomized, controlled trial. *Menopause*, *14*(3), 489-499. <https://doi.org/10.1097/gme.0b013e31802c4f4f> (IF (2007) = 3.672, Rank 3/60, Q1, in “Obstetrics & Gynecology” (SCIE))
- [48] **Chan, A. S.**, Han, Y. M., & Cheung, M. C. (2008). Electroencephalographic (EEG) measurements of mindfulness-based triarchic body-pathway relaxation technique: A pilot study. *Applied Psychophysiology and Biofeedback*, *33*(1), 39-47.

<https://doi.org/10.1007/s10484-008-9050-5> (IF (2008) = 1.175, Rank 53/88, Q3, in “Psychology, Clinical” (SSCI))

[49] **Chan, A. S.**, Cheung, M. C., Sze, S. L., Leung, W. W., & Cheung, R. W. (2008). Measuring vocabulary by free expression and recognition tasks: Implications for assessing children, adolescents and young adults. *Journal of Clinical and Experimental Neuropsychology*, 30(8), 892-902. <https://doi.org/10.1080/13803390701861384> (IF (2008) = 2.184, Rank 25/88, Q2, in “Psychology, Clinical” (SSCI))

[50] **Chan, A. S.**, Sze, S. L., & Shi, D. (2008). Traditional Chinese mind-body exercises improve self control ability of an adolescent with Asperger’s disorder. *Journal of Psychology in Chinese Societies*, 9(2), 225-239. <https://eds.b.ebscohost.com/eds/pdfviewer/pdfviewer?vid=0&sid=ae0d175-6a09-4f9e-be06-654192e1c969%40sessionmgr102>

[51] 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(2), 151-165. <https://www.proquest.com/openview/1cd476b3ca0a69c495209310507b74ac/1?cbl=54620&pq-origsite=gscholar>

[52] **Chan, A. S.**, Cheung, M. C., Sze, S., & 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(3), 495-504. <https://doi.org/10.1142/S0192415X09007004> (IF (2009) = 1.422, Rank 7/17, Q2, in “Integrative & Complementary Medicine” (SCIE))

[53] **Chan, A. S.**, Cheung, M. C., Han, Y. M., 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(6), 1107-1115. <https://doi.org/10.1016/j.clinph.2009.04.002> (IF (2009) = 3.122, Rank 45/167, Q2, in “Clinical Neurology” (SCIE))

[54] Cheung, M. C., **Chan, A. S.**, Lam, J. M., & Chan, Y. L. (2009). Pre- and postoperative fMRI and clinical memory performance in temporal lobe epilepsy. *Journal of Neurology, Neurosurgery and Psychiatry*, 80(10), 1099-1106. <http://dx.doi.org/10.1136/jnnp.2009.173161> (IF (2009) = 4.869, Rank 19/167, Q1, in “Clinical Neurology” (SCIE))

[55] Wong, G. K., Wong, R., Mok, V. C., Fan, D. S., Leung, G., Wong, A., **Chan, A. S.**, Zhu, C. X., & Poon, W. S. (2009). Clinical study on cognitive dysfunction after spontaneous subarachnoid haemorrhage: Patient profiles and relationship to cholinergic dysfunction. *Acta Neurochirurgica*, 151(12), 1601-1607. <https://doi.org/10.1007/s00701-009-0425-z> (IF (2009) = 1.472, Rank 68/167, Q2, in “Surgery” (SCIE))

[56] Wong, G., K., Wong, R., Mok, V., Wong, A., Fan, D., Leung, G., **Chan, A. S.**, & Poon, W. S. (2009). Rivastigmine for cognitive impairment after spontaneous subarachnoid haemorrhage: A pilot study. *Journal of Clinical Pharmacy and Therapeutics*, 34(6), 657-663. <https://doi.org/10.1111/j.1365-2710.2009.01056.x> (IF (2009) = 1.671, Rank 157/237, Q3, in “Pharmacology & Pharmacy” (SCIE))

- [57] Cheung, M. C., **Chan, A. S.**, & Sze, S. L. (2009). Increased theta coherence during Chinese reading. *International Journal of Psychophysiology*, 74(2), 132-138. <https://doi.org/10.1016/j.ijpsycho.2009.08.007> (IF (2009) = 3.045, Rank 15/74, Q1, in “Psychology, Experimental”(SSCI))
- [58] **Chan, A. S.**, Sze, S. L., Cheung, M. C., Lam, J. M., & Shi, D. (2009). *Dejian* mind-body intervention improves the functioning of a patient with chronic epilepsy: A case report. *Cases Journal*, 2(1), 9080. <https://doi.org/10.1186/1757-1626-2-9080>
- [59] Razani, J., **Chan, A. S.**, Nordin, S., & Murphy, C. (2010). Semantic networks for odors and colors in Alzheimer’s disease. *Neuropsychology*, 24(3), 291-299. <https://doi.org/10.1037/a0018269> (IF (2010) = 3.176, Rank 13/104, Q1, in “Psychology, Clinical” (SSCI))
- [60] 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(4), 764-771. <https://doi.org/10.1016/j.rasd.2010.02.004> (IF (2010) = 1.586, Rank 31/66, Q2, in “Psychology, Developmental” (SSCI))
- [61] Huang, Z., Zhang, J. X., Yang, Z., Dong, G., Wu, J., **Chan, A. S.**, & Weng, X (2010). Verbal memory retrieval engages visual cortex in musicians. *Neuroscience*, 168(1), 179-189. <https://doi.org/10.1016/j.neuroscience.2010.03.027> (IF (2010) = 3.215, Rank 96/239, Q2, in “Neurosciences” (SCIE))
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[13] 陳瑞燕(2003)。 提昇兒童大腦功能四部曲。香港:中華書局。

[14] 陳瑞燕(2009)。 尋心的旅程。北京:世界圖書。

[15] 陳瑞燕(2009)。 德建身心療法專業手冊。上海:復旦大學。

[16] 陳瑞燕(2009)。 提升兒童腦功能四部曲:理論與操作。北京:教育科學。

[17] 釋德建、陳瑞燕(2010)。 少林禪武醫精要:禪通武達醫理明。上海:上海人民。

[18] 陳瑞燕(2009)。 和諧身心:德建禪師談少林禪武醫。上海:上海人民。

[19] 陳瑞燕(2014)。 禪武醫學。香港:經濟日報。

[20] 陳瑞燕(2014)。 少林禪武醫:德建身心療法。北京:光明日報。

RESEARCH GRANTS

(received HK\$ 23,697,186 research funding in total, HK\$ 21,742,186 as PI)

Competitive Grants

Primary investigator, “Cognitive profile of nasopharyngeal carcinoma patients with brain damage”, Hong Kong Cancer Fund, 01/06/1998 - 31/05/1999, HK\$ 199,980

Primary investigator, “Neuropsychological sequelae of radiation-induced brain damage and its risk factors” (Ref no. CUHK4110/99M), Earmarked Research Grant, 01/07/1999 - 31/06/2001, HK\$ 580,000

Primary investigator, “Utilizing neuropsychological assessment in the elderly diagnosis and cognitive interventions in patients with Alzheimer’s disease” (Ref no. 212916), Health Care and Promotion Fund, 01/07/2000 - 31/08/2001, HK\$ 80,000

Primary investigator, “Neuropsychological intervention for primary school underachiever” (Ref no. 2000/2895), Quality Education Fund, 01/08/2001 - 31/07/2003, HK\$ 1,200,000

Primary investigator, “Plasticity of memory and language associated with temporal lobe epilepsy” (Ref no. 426303), Earmarked Research Grant, 01/08/2003 - 31/07/2005, HK\$ 502,800

Co-investigator, “Effects of soy isoflavones supplementation on cognitive function in Chinese postmenopausal women: A double-blind randomized controlled trial” (Ref no. CUHK4471/03M), Earmarked Research Grant, 01/08/2003 - 31/07/2005, HK\$ 624,000

Primary investigator, “Cortical electrodynamics associated with language and social impairment in autism” (Ref no. 4648/05H), Earmarked Research Grant, 01/09/2005 - 31/08/2007, HK\$ 537,280

Primary investigator, “Cortical synchronization associated with memory impairments in children with Autistic Spectrum Disorder” (Ref no. 440407), Earmarked Research Grant, 01/08/2007 – 31/07/2010, HK\$ 740,000

Co-investigator, “Traditional Chinese mind body intervention in promoting health in older community-living adults” (Ref no. 10110931), Health and Health Services Research Fund, 01/06/2012 - 31/05/2013, HK\$ 80,000

Primary investigator, “Interactive concert for autism: Integrative application of music and clinical psychology for teaching autism and cultivating a harmonic society” (Ref no. KPF13ICF10), Knowledge Transfer Project Fund, 01/03/2013 - 31/08/2014, HK\$ 400,000

Primary investigator, “A Lifestyle Intervention Program Improves Memory of Older Adults” Social Science Collaborative Research Fund, 01/05/2015 - 30/04/2017, HK\$ 400,000

Co-investigator, “Using Transcranial Direct Current Stimulation to Enhance Cognitive Function in Autism Spectrum Disorder: A Randomized Controlled Study”, Health and Medical Research Fund, 01/07/2019 – 30/06/2022, HK\$1,251,000

Project Leader, “Pro-talent Association Ltd.” (SKPF16SSC02), Sustainable Knowledge Transfer Project Fund, 01/02/2016 – 31/01/2017, HK\$400,000

Primary investigator, “Photoneuromodulation for Mild Cognitive Impairment” (Ref no. 14606519), Earmarked Research Grant, 02/09/2019 – 01/09/2021, HK\$ 646,846

Non-Competitive Grants

Primary investigator, “Enhancing neurocognitive function for children with brain disorders”, donation from Culture Home (elderly) Center Ltd, 01/12/2002 - 31/12/2005, HK\$ 1,300,000

Primary investigator, “Clinical application of Shaolin Chanwuyi”, donation from S H Li, 05/2009 & 10/2011, HK\$ 2,000,000.

Primary investigator, “Chanwuyi intervention for elderly”, donation from Culture Home (elderly) Center Ltd, 05/2009 & 10/2011, HK\$ 200,000.

Primary investigator, “Chanwuyi Research Center for Neuropsychological Well-Being”, donation from F W Lam and others, 04/2013, HK\$ 3,000,000.

Primary investigator, “Chanwuyi application in special population”, donation from Culture Home (elderly) Center Ltd, 04/2014, HK\$ 200,000.

Primary investigator, “Ashoka Tree: Youth Personal Growth Programme”, donation from Li Ka Shing Foundation/Tsz Shan Monastery, 07/2016, HKD 1,000,000.

Primary investigator, “Early Diagnosis for Children with Autism”, donation from Mama Charitable Foundation, 04/2017, HKD 300,000.

Primary investigator, “EC Brain Program for Children with Special Education Needs (SEN) in Primary School” donation from Lee Hysan Foundation, 01/07/2020 – 30/08/2023, HK\$8,055,280.

AWARDS AND HONORS

Research Mentorship Award, Faculty of Social Science, The Chinese University of Hong Kong, 2022

Chanwuyi Lifestyle Medicine Program, Certified Program, American College of Lifestyle Medicine, 2011

Research Excellence Award, The Chinese University of Hong Kong, 2011

Early Career Award in Clinical Neuropsychology, American Psychological Association-Div 40, 2004

VISITING AND GUEST PROFESSORSHIP

Visiting scholar/Consultant, University of California, San Diego, 07/1997 - 08/1997; 07/1999

Adjunct Professor, San Diego State University, 1997 – 2005

Adjunct Faculty Associate, The University of Michigan in Ann Arbor, 2005 – 2006

EDITORSHIP

Review Broad Member, Journal of the International Neuropsychological Society (USA, 1999 – 2013)

Consulting Editor, Neuropsychology (USA, 2001 – 2006)

Associate Editor, Neuropsychology (USA 2013 – 2018)

Editorial Board Member, Lifestyle Medicine (USA, 2022-2025)

Guest Editor, Journal of Clinical Medicine (USA, 2022)

Associate Editor, Journal of Alzheimer’s Disease (USA, 2022)

PROFESSIONAL SOCIETY ACTIVITIES

Board member, International Neuropsychological Society, 01/1990 – 08/2008

Consultant, University of California in San Diego, 1997 - 1999

Adjunct Professor, San Diego State University, 07/1997 – 08/2000

Founder and Chairperson of the Hong Kong Neuropsychological Association, 1999

Broad Member, the International Neuropsychological Society, 2000 – 2003

Consulting Editor, Neuropsychology, 2001 – 2006

Editorial Board, Neuropsychology, 2013 – 2015

特聘教授, 鄭州市兒童醫院 / 鄭州市兒科醫學研究所, 02/2013 – present

Committee member-at-large of the Hong Kong Neuropsychological Association, 2000 – present

REVIEWER

Journal of Gerontology: Psychological science, 1997

Reviewer, Nature, 2000

Research Grants Council, Hong Kong, 2001, 2002

Psychiatry Research, 2002, 2005

Stroke, 2003, 2004

Brain Imaging and Behavior, 2007

Autism, 2011

Assessment, 2004
City University – Staff Promotion, 2003
Journal of Child Psychology and Psychiatry, 2005,
Journal of Autism and Developmental Disorders, 2005, 2007, 2009, 2011, 2019
The International Neuropsychological Society, 2020
Neuropsychology, 2009, 2010, 2011
Alzheimer’s Association, 2010
Clinical Neuropsychologist, 2011
Journal of Neurological Science, 2011
Assessment, 2014
Neuropsychology Review, 2019, 2020
Journal of Autism and Developmental Disorders, 2020
Journal of Child Psychology and Psychiatry, 2020
Brain Science 2021
Scientific Report 2021
Sensor 2022
Current of Alzheimer’s Disease 2022
European Sciences Foundation Postdoctoral Fellowship 2022