

Curriculum Vita

Chan, André Yuan-Shuo

Current Status

Professor/ Dean of General Affairs
Department for Special Education,
National Taipei University of Education
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Education

Doctor of Philosophy,
Institute of Sport medicine, University of Potsdam, Germany
Diplom Sportwissenschaft,
Institute of Prevention and Rehabilitation German Sport University Cologne DSHS, Germany

Research Interests

- Exercise Therapy and Rehabilitation
- Attention Deficit Hyperactivity Disorder (ADHD)
- Neurocognitive Development
- Adapted Physical Activity for Children with Disabilities
- Early Intervention and Motor Learning

Honor

- **Outstanding Career Counseling Teacher**, National Taipei University of Education, 2025
- **The Impact of Unicycle Training on the Attention of Children with Tourette Syndrome** – *1st Place, Research Paper Award*, The 4th Conference on Child Development, Taiwan Child Neurology Society, 2024
- **Effects of Physical Exercise on Children with Attention Deficit Hyperactivity Disorder** – *Most Cited Author Award*, *Biomedical Journal*, 2023/ 2025
- **DAAD Scholarship**, German Academic Exchange Service, 2003

Professional License and Certificates

1. Licensed Tour Guide (German), Examination Yuan, Taiwan (License No. 002545, 2022)
 2. Global Career Development Facilitator (GCDF), National Board for Certified Counselors, 2021
 3. Basic First Aid Training, Taipei City Hospital, 2019
 4. CPR and First Aid Certificate, Canadian Red Cross, 2013
 5. Level B Canoe Sprint Coach, Chinese Taipei Canoe Association (License No. 102109), 2011
 6. Qualified Sport Therapist for the Rehabilitation of Patients with Cardiovascular Diseases, Federation of Sports, Germany (*Deutscher Sportbund*), 2004 (License No. 3.A03.01.4081)
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7. Lifeguard License, German Life Saving Association (*Deutsche Lebens-Rettungs-Gesellschaft*, Cologne), 2001 (License No. 0910006-152-004-01)
8. Certificate of Sport Massage, German Sport University Cologne (*Deutsche Sporthochschule Köln*), 2002
9. Certificate of Aqua-Training, German Sport University Cologne (*Deutsche Sporthochschule Köln*), 2002
10. Certificate of Chirotherapy (Manual Therapy), University of Potsdam, Institute of Sports Medicine, 2005
11. Qualified Trainer for Nordic Walking, International Nordic Walking Coach Association, 2005
12. Swimming Coach License, Chinese Taipei Swimming Association (License No. 065)
13. Lifeguard License, Chinese Taipei Lifesaving Association (License No. 18079)
14. Swimming Coach for the Disabled, Chinese Taipei Lifesaving Association (License No. DC011008)

Other Certificates

15. Certificate in R&D Results Management and Technology Transfer, National Science Council (2009)
16. Certificate in Intellectual Property Law and Technology Transfer, National Science Council (2009)
17. Certificate in Advanced Incubation Management Training, China Productivity Center (2009)
18. Certificate in Marketing and Professional Incubation Management, China Productivity Center (2009)
19. Functional MRI Workshop Certificate, National Taiwan University (2013)
20. Comprehensive TV Host Training Program, Chinese Television System (CTS) Cultural Foundation, 2020

International and Domestic Publications

1. **Chan, Y.-S.** (2025). The importance of exercise in preventing Internet addiction. *Frontline Pediatrics*, **15**(45), 43–46. (in Chinese)
 2. **Chan, Y.-S.** (2025). The benefits of exercise for children with developmental delays. *Frontline Pediatrics*, **15**(44), 52–54. (in Chinese)
 3. Tang, Z.-J., & **Chan, Y.-S.** (2025). Can exercise improve the cognitive function of children with intellectual disabilities? The new concept of adapted physical education. *Special Education Forum*, 38, 71 - 86. (in Chinese)
 4. **Chan, Y.-S.** (2024). Recommendations for cultivating preschool adapted physical education teachers' professional competence. *Physical Education of School*, (199), 55–62. (in Chinese)
 5. **Chan, Y.-S., & Wang, H.-H.** (2023). Exercise therapy benefits and recommendations for children with attention-deficit/hyperactivity disorder (ADHD). *Formosan Journal of Medicine*, **27**(6), 733–739. (in Chinese)
 6. **Chan, Y.-S.** (2023). Exercise improves ADHD in adolescents. *Frontline Pediatrics*, **39**, 41–43. (in Chinese)
 7. Fang Li, Cheng-Pang Yang, Cheng-You Wu, Chia-An Ho, Hung-Chih Yeh, **Yuan-Shuo Chan**, Wen-Sheng Chang Chien, Chin-Shan Ho (2022): Contribution of Body Mass Index Stratification for the Prediction of Maximal Oxygen Uptake. *International Journal of Medical Sciences.*; 19(13): 1929–1941 SCI
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8. Ka I Wong, **Yuan-Shuo Chan*(2023)** : A Review of Effects of Exercise on Neurodevelopment and Cognitive Function in Preschoolers ◦ Taiwan Journal of Sports Scholarly Research. 74. 155-174 (in Chinese)
9. Tzu-Chi Tseng, **Yuan-Shuo Chan*(2022)** : Cognitive behavior, Teaching strategy and Exercise intervention in Children with Tourette Syndrome ◦ Special Education quarterly ◦ 165: 25-35. doi:10.6217/SEQ.202212_(165).25-36 (in Chinese)
10. Ying-Chen Huang, **Yuan-Shuo Chan*(2022)** : Can exercise improve muscle tension and motor performance of children with ASD ◦ International Forum of Special Education and Child Development. 3, 45–55. (in Chinese)
11. Hui-Lun Chung, **Yuan-Shuo Chan*** (2022) : Analyze the response time of children with and without dyslexia ◦ Taiwan Journal of Sports Scholarly Research.73, 119-136 (in Chinese)
12. Fang Li, Chun-Hao Chang, Chia-An Ho, Cheng-You Wu, Hung-Chih Yeh, **Yuan-Shuo Chan**, Jia-Yu Cheng, Wen-Sheng ChangChien, Chin-Shan Ho* (2022): The Determination of Step Frequency in 3-min Incremental Step-In-Place Tests for Predicting Maximal Oxygen Uptake from Heart Rate Response. International Journal of Environmental Research and Public Health 5;19(1):563. doi: 10.3390/ijerph19010563.. (SSCI IF: 3.39 Q1)
13. **Chan Y-S***, Jang J-T, Ho C-S (2022): Effects of physical exercise on children with attention deficit/hyperactivity disorder. Biomedical Journal. 45, 2, 265-270. (SCI IF: 7.892 Q1)
14. **Y-S Chan*** (2022) : Review of Motor Coordination Performance in Children with Attention Deficit Hyperactivity Disorder ◦ Taiwan Journal of Sports Scholarly Research. 72 ,119-132 (in Chinese)
15. Tzu-Ya Sun, **Yuan-Shuo Chan*** (2021) : Effect of Physical Activity on Anxiety Syndrome in Children with Autism Spectrum Disorder ◦ International Forum of Special Education and Child Development. 2: 42-54. (in Chinese)
16. Chun-Hao Chang, Yi-Ju Hsu, Fang Li, **Yuan-Shuo Chan**, Ching-Ping Lo, Guan-Jian Peng, Chin-Shan Ho*, Chi-Chang Huang (2021). The feasibility of emergency medical technicians performing intermittent high-quality cardiopulmonary resuscitation. International Journal of Medical Sciences. 18(12):2615-2623. (SCI IF: 3.738 Q2)
17. **Y-S Chan***, C-S Ho (2021): Reaction Performance Improvement in Children with ADHD through Adapted Physical Activity - A Pilot Study. Deutsche Zeitschrift für Sportmedizin.72:21-27 (Scopus, IF: 0.557 Q3)
18. J-H Huang, **Y-S Chan*** (2020) : Saccade eye movement in children with Attention Deficit Hyperactivity Disorder. Nordic Journal of Psychiatry.74(1) 16-22 (SSCI, IF: 2.061 Q2)
19. Pakzad-Mayer Y, **Chan Y-S**, Jang J-T, Mayer PK. (2019): Does practicing Tai Chi Chuan make a difference for postural balance in the elderly – a pilot study. Deutsche Zeitschrift für Sportmedizin. 70: 159-164. (Scopus, IF: 0.557 Q3) .
20. Yasmin Pakzad-Mayer, Jia-Tzer Jang, Chia-Hui Chen, Yueh-Chi Wang, **Yuan-Shuo Chan**, Peter Karl Mayer (2019): Acute Effects of Tai Chi Chuan, Coordination and Aerobic Exercise on Attention in Elderly Individuals. Journal of Aging Science. 7:1 DOI: 10.35248/2329-8847.19.07.201
21. Huang, J.-H., Yeh, C.-B., & **Chan, Y.-S.*** (2017).: Effect of Physical Activity on Behavior and Cognition in Children with Attention Deficit/Hyperactivity Disorder. Sports Research Review. 141. 43-51 (in Chinese)
22. Chang, C.-C., & **Chan, Y.-S.*** (2015) : Visual Sustained Attention in College Students with Hearing impairment -A pilot study. JHMSE (2) 33-40 (in Chinese)
23. **Chan, Y.-S.** (2014). Multiple exercises can enhance brain function! National Taiwan University Physical Education E-Newsletter, 11. (in Chinese)

24. **Chan, Y.-S.** (2014). Promotional strategies for sports for persons with disabilities in Germany. *National Sports Quarterly*, 179, 55–58. (in Chinese)
25. **Chan, Y.-S.** (2014). Overview of Germany's incentive policies for corporate sponsorship in sports. *National Sports Quarterly*, 178, 23–27. (in Chinese)
26. **Chan YS** (2014): The constructive impacts German's Health Insurance System on its domestic sporting goods industry. *Taiwan Sporting goods Manufacturers Association*. 72-77
27. **Chan, Y.-S.** (2013). Development and implementation strategies for physical activities among the elderly in Germany. *NTU Physical Education Journal*, **57**, 45–52. (in Chinese)
28. **Chan, Y.-S.** (2013). Physical education for students with emotional and behavioral disorders. *Elementary Education*, **54**(1), 76–79. (in Chinese)
29. **Chan, Y.-S.** (2013). Suggestions for designing physical activity programs for children with ADHD. *National Sports Quarterly*, **175**, 42–46. (in Chinese)
30. Chien, Y.-J., & **Chan, Y.-S.*** (2013). Immediate effects of aerobic running and walking exercise on overt attention and inhibitory function: A pilot study. *Taiwan Sport Forum*, **7**, 37–46. (in Chinese)
31. **Chan YS**, Jang JT, Pakzad-Mayer Y, Chang CC (2013): Zum Einfluss des komplexen sensormotorischen Trainings auf Inhibitionsfunktion bei ADHS Kindern. *Deutsche Zeitschrift für Sportmedizin*. 64. 7-8, 218 [abstrct in german] (SCI)
32. Jang JT, Wang Y1, Chen CH, **Chan YS** (2013). Auswirkungen auf die muskelleistung mit akut hoher intensität bei sprintbelastungen jugendlicher Athleten. *Deutsche Zeitschrift für Sportmedizin*. 64. 7-8, 208 [abstrct in german] (SCI)
33. Chen, W.-C., **Chan, Y.-S.**, Lu, L.-T., Chan, M.-L., & Meng, F.-W. (2013). The effects of fitness training on cognitive function in children with ADHD. *Chung Yuan Journal of Physical Education*, **2**, 50–57. (in Chinese)
34. Hung, C. L., Chang, Y. K., **Chan, Y. S.**, Shih, C. H., Huang, C. J., & Hung, T. M*. (2013). Motor ability and inhibitory process in Chinese with ADHD. *Journal of Sport and Exercise Psychology*. 35(3):322-328 (SCI)
35. Su, Y.-H., **Chan, Y.-S.***, & Ho, C.-S. (2012). Analysis of motor patterns in children with ADHD subtypes. *NTU Physical Education Journal*, **54**, 21–35. (in Chinese)
36. Chang, C.-C., **Chan, Y.-S.***, & Ho, C.-S. (2012). The effects of perceptual-motor training on the physical and psychological development of children with special needs. *Journal of Physical Education of National Changhua University of Education*, **11**, 101–108. (in Chinese)
37. **Chan YS***, Jang JT, Pakzad-Mayer Y, Ho CS (2012): Effekt des Aquatrainings auf Reaktionszeit bei ADHS-Kindern. *Deutsche Zeitschrift für Sportmedizin*. 63. 7-8. 216 [abstrct in german]
38. Jang JT, Wang YC, Chen CH, **Chan YS** (2012): Die Anpassungen eines fünftägigen Hypoxie-Trainings auf Metabolismus und Kreislauf beim 400m Läufer. *Deutsche Zeitschrift für Sportmedizin*. 63. 7-8. 245 [abstrct in german]
39. Lu, F. J. H., Hsu, Y. W.*, **Chan, Y. S.**, Cheen, J. R., & Kao, K. T. (2012). Assessing college student-athletes' life stress: Initial measurement development and validation. *Measurement in Physical Education and Exercise Science* 16: 254-267, 2012 (SCI, IF=0.891).
40. Huang, J.-H., Ho, C.-S., Lu, S.-H., & **Chan, Y.-S.*** (2012). Comparison of visual search ability between table tennis players and non-athletes. *Sports Research Review*, **14**(2), 219–228. (in Chinese)
41. Wu, M.-T., & **Chan, Y.-S.** (2011). Effects of different perceptual-motor training periods on balance control ability in the elderly. *Chang Jung Journal of Sport and Leisure Management*, 21–37. (in Chinese)

42. Jang JT, **Chan YS**, Chen CH, Wang YC (2011): Auswirkungen von zwei unterschiedlichen hochintensiven trainingsmodellen auf jugendliche sprint-Athleten. Deutsche Zeitschrift für Sportmedizin. 62. 7-8. 237 [abstrct in german] (SCI)
43. **Chan YS**, Jang JT, Ho CS, Lin LH, Hung TM, Wu MT, Pakzad-Mayer Y, Lin HF(2011): Zum Zusammenhang zwischen postural Balance und Reaktionszeit bei ADHS-Kindern. Deutsche Zeitschrift für Sportmedizin. 62. 7-8. 255 [abstrct in german] (SCI)
44. **Chan YS**, Ho CS, Jang JT, Hung TM, Lin LH, Pakzad-Mayer Y, Wu MT, Lin HF(2011): Zum Einfluss der sensomotorischen Training auf postural Balance bei Kinder mit Aufmerksamkeit Defizit/Hyperaktivität Störung. Deutsche Zeitschrift für Sportmedizin. 62. 7-8. 255 [abstrct in german] (SCI)
45. **Chan, Y.-S., Ho, C.-S., & Wu, H.-H.** (2011). Psychophysiological mechanisms and exercise training benefits for children with attention-deficit/hyperactivity disorder (ADHD). Sports Research Review, **114**, 69–75. (in Chinese)
46. **Chan, Y.-S.** (2010). An introduction to the central sports organizations in Germany. National Sports Quarterly, **164**(4), 76–81. (in Chinese)
47. Wu, Meng-Tien, **Chan, Yuan-Shuo** (2010): The Effects of a Sensorimotor Training in the regulation of postural balance in Older Adults. Journal of Rehabilitation Medicine; Suppl 48: 193. [abstrct] (SCI)
48. Y. Pakzad-Mayer, J. T. Chang, and **Y. S. Chan** (2010) : Chen Style Tai Chi Chuan Training Intensity of Well Experienced Masters and Experienced Students . Archives of University Education and Sports 2010 . 498-504
49. Hung, C., **Chan, Y.**, Ho, C., Liao, J, Kao, S., Tsai, Y., Hung, S., & Hung, T. (2010). An event-related potentials study to examine the relationship between motor ability and inhibitory control in children with ADHD. International Journal of Psychophysiology, 77 (3), 247. [abstrct] (SSCI)
50. Shiau-Yun Hung, **Yuan-Shuo Chan**, Chin-Shan Ho, Chiao-Ling Hung, Shih-Chun Kao, Yu-Jung Tsai, Jhih-Cian Liao, Tsung-Min Hung (2010). Physical fitness and event-related potentials in ADHD children. International Journal of Psychophysiology, 77 (3), 247. [abstrct] (SSCI)
51. Hung, T., **Chan, Y.**, Ho, C., Hung, C., Liao, J, Kao, S., Tsai, Y., & Hung, S. (2010). Motor Ability and Cognitive Performance: Event-Related Brain Potential and Task Performance Indices of Executive Control in Children with Attention-Deficit/ Hyperactivity Disorder. International Journal of Psychophysiology, 77 (3), 248. [abstrct] (SSCI)
52. Liao, J, **Chan, Y.**, Ho, C., Hung, C., Kao, S., Tsai, Y., Hung, S. & Hung, T., (2010). Physical fitness and neurocognitive function in attention-deficit/ hyperactivity disorder (ADHD) children. International Journal of Psychophysiology, 77 (3), 248. [abstrct] (SSCI)
53. Pei-Hsin Chen, **Yuan-Shuo Chan**, Chin-Shan Ho (2010): Health Promotion for Visually Impaired through Recreational Sports. Sports Research Review 108. 87-92 (in Chinese)
54. Wu, H.-H., Ho, C.-S., & **Chan, Y.-S.*** (2010). A study on motor performance and information processing in children with ADHD. Taiwan Sport Forum, 1, 61–68. (in Chinese)
55. Wu, H.-H., Ho, C.-S., & **Chan, Y.-S.*** (2010). A study on reaction time testing methods for children with attention-deficit/hyperactivity disorder (ADHD). Chang Jung Journal of Sport and Leisure Management, 118–125. (in Chinese)
56. Wu, M.-T., & **Chan, Y.-S.** (2009). The effects of aging and exercise intervention on balance control. Taiwan Gerontology Forum, 2, 1–12. ISSN: 2073-087X
57. Wu, M.-T., Chen, H.-T., & **Chan, Y.-S.** (2009). The effects of a six-week perceptual-motor training program on balance control in the elderly. Fu Jen Journal of Physical Education, 8, 198–209. (in Chinese)

58. Lee, H.-L., & **Chan, Y.-S.** (2009). The Influence of Visual and Auditory's Attention on the Differences of Balance Abilities in Children. *Journal of Sport Science*, NPUE, 225–245. (in Chinese)
59. **Chan Y-S***, Jang J-T, Xiong Y-B (2008): Zum Vergleichen der intermittierenden Belastung in normobare Normoxie und normobare Hypoxie. *Österreichisches Journal für Sportmedizin*. Abstraktband (abstrct in german). 2, 10 ISSN 1012-3156
60. Jang JT, **Chan YS**, Wang YC, Chen, JH (2008): Über den Einfluss von Hypoxie und Normoxie Umgebung auf hämodynamische und metabolische Parameter bei Stufenbelastung und Dauerlauf. *Österreichisches Journal für Sportmedizin*. Abstraktband (abstrct in german). 2, 10 ISSN 1012-3156
61. **Chan, Y.-S.***, & Huang, Y.-L. (2007). Development of disability sports policies and training of disability sports instructors in Germany. *NTU Physical Education Journal*, **46**, 57–64. ISSN: 1018-3868.
62. Chou, H.-S., **Chan, Y.-S.**, & Jang, J.-T. (2006). Secondary school curriculum in Germany. *Physical Education of School*, **92**(16/1), 103–108. ISSN: 1994-5787. (in Chinese)
63. Chang, C.-T., & **Chan, Y.-S.** (2005). Diagnosis and adjustment of athletic performance training. *National Sports Quarterly*, **146**(34/3), 44–52. (in Chinese)
64. **Chan, Y.-S.**, & Jang, J.-T. (2004). Enhancing national physical fitness through health insurance reform: A case study of Germany. *National Sports Quarterly*, **142**(33/3), 77–82. (in Chinese)

Conference

1. Cheng-Yi Lin, Yun-Hsuan Lin, Pu-Qing Cao, Yuan-Shuo Chan*(2026). The Effects of unicycle training on static and dynamic balance control in children with Tourette syndrome. *Formosan Journal of Physical Therapy*. DOI:10.6215/FJPT.202606. P48
2. Yang, S.-C., & Chan, Y.-S. (2017). *Effects of planned exercise on impulsive behavior in preschool children with ADHD*. The 4th Cross-Strait Special Education Summit and 1st Guangdong Alliance Forum for Special Education Teacher Development, Guangdong, China.
3. Chan, Y.-S. (2016). *Exercise therapy perspectives: The impact of physical activity on children with ADHD*. 2016 Guangzhou International Conference on Sport and Health, Guangzhou, China.
4. Chan, Y.-S. (2015). “Exercise is medicine” – Is exercise therapy the magic pill for children with ADHD? The 1st International Conference of Applied Psychology for Chinese Societies. (Keynote speaker)
5. Huang, T.-Y., & Chan, Y.-S. (2011). *Comparison of inhibitory function and balance control in the elderly*. 2011 International Conference on Exercise for 3Q – Health, Emotion, and Intelligence Quotients, Taipei, Taiwan.
6. Chang, C.-C., Chan, Y.-S., & Ho, C.-S. (2011). *Effects of perceptual-motor training on attention in boys with ADHD*. 2011 International Conference on Exercise for 3Q – Health, Emotion, and Intelligence Quotients, Taipei, Taiwan.
7. Pakzad-Mayer, Y., Huang, T.-Y., Chan, Y.-S., & Jang, J.-T. (2011). *Acute effects of coordination exercise on attention in the elderly*. 2011 International Conference on Exercise for 3Q – Health, Emotion, and Intelligence Quotients, Taipei, Taiwan.
8. Lin, G.-C., Ho, C.-S., Chen, C.-Y., Chan, Y.-S., Chen, K.-C., & Meng, F.-W. (2010). *Evaluation of equilibrium in volleyball players with ankle sprain*. The 1st Asia-Pacific Conference on Ankle-Foot and Footwear Biomechanics, Taipei, Taiwan.

9. Chen, C.-Y., Lin, G.-C., Ho, C.-S., Chen, K.-C., Chan, Y.-S., & Lou, S.-Z. (2010). *Ankle-joint moment during the transition from sudden stop to jump*. The 1st Asia-Pacific Conference on Ankle-Foot and Footwear Biomechanics, Taipei, Taiwan.
10. Chan, Y.-S., Ho, C.-S., Cheng, J.-L., Wu, H.-H., Chen, P.-S., & Pakzad-Mayer, Y. (2010). *Differential reaction time tasks in children with and without ADHD*. III International Conference of Physical Education and Sports Science, Singapore. ISBN 978-981-08-5734-9.
11. Pakzad-Mayer, Y., Chan, Y.-S., & Jang, J.-T. (2009). *Lactate and ammonia after 150 m sprint in 200 m and 400 m track athletes*. 14th Annual Congress of the European College of Sport Science, Oslo, Norway.
12. Wu, M.-T., & Chan, Y.-S. (2009). *Effects of integrated exercise training on balance control in the elderly*. The 6th World Chinese Congress on Long-Term Care, Taipei, Taiwan.
13. Chen, Z.-H., & Chan, Y.-S. (2021). *Current status of adapted physical education and disability sports in Macau*. Cross-Strait Special Education Conference, Taipei, Taiwan.
14. Chen, Y.-L., & Chan, Y.-S. (2021). *Muscle tone analysis in children with autism spectrum disorder*. Cross-Strait Special Education Conference, Taipei, Taiwan.
15. Liu, C.-Y., & Chan, Y.-S. (2021). *Reaction time and attention behavior in preschool children*. Cross-Strait Special Education Conference, Taipei, Taiwan.
16. Sun, C.-Y., & Chan, Y.-S. (2020). *Effects of physical activity on anxiety symptoms in children with autism spectrum disorder*. International Conference on Career Transition and Counseling for Students with Disabilities, Taipei, Taiwan.
17. Chung, H.-L., & Chan, Y.-S. (2020). *Motor coordination and reaction time in children with dyslexia*. International Conference on Career Transition and Counseling for Students with Disabilities, Taipei, Taiwan.
18. Huang, Y.-C., & Chan, Y.-S. (2020). *Exploring anxiety problems among children with autism spectrum disorder*. International Conference on Career Transition and Counseling for Students with Disabilities, Taipei, Taiwan.
19. Chiang, P.-Y., & Chan, Y.-S. (2019). *Caregivers' perspectives on service needs for children with ADHD*. Innovative Special Education Conference, Taipei, Taiwan.
20. Chen, C.-Y., & Chan, Y.-S. (2019). *A literature review on tactile stimulation and sleep in young children with autism*. Innovative Special Education Conference, Taipei, Taiwan.
21. Chao, C., & Chan, Y.-S. (2016). *Effects of physical activity intervention on motor development in children with autism spectrum disorder*. Conference on Emotional and Behavioral Development in Children with Special Needs, Taipei, Taiwan.
22. Hsieh, H.-Y., & Chan, Y.-S. (2016). *Effects of exercise on adaptive behavior in children with autism*. Conference on Emotional and Behavioral Development in Children with Special Needs, Taipei, Taiwan.
23. Chan, Y.-S. (2014). *Exercise interventions and their effectiveness for children with ADHD*. Forum on Comprehensive Screening for ADHD: Pathologization and Educational Challenges, Fu Jen Catholic University, Taipei, Taiwan. (Keynote speaker)
24. Chien, Y.-J., Wang, C.-H., & Chan, Y.-S. (2012). *Effects of normobaric hypoxia on attention control*. Conference on Adapted Physical Activity and Sports, Taoyuan, Taiwan.
25. Chen, W.-C., Wang, C.-H., & Chan, Y.-S. (2012). *Gender differences in visual search ability*. Conference on Adapted Physical Activity and Sports, Taoyuan, Taiwan.
26. Huang, J.-H., Chan, Y.-S., & Ho, C.-S. (2011). *Saccadic reaction time in children with and without ADHD*. Joint Annual Conference of Physical Education and Sports Science Societies, Taipei, Taiwan.
27. Chen, W.-C., & Chan, Y.-S. (2011). *The immediate effects of aerobic boxing games on oculomotor reaction in female college students*. Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.

28. Chien, Y.-J., & Chan, Y.-S. (2011). *Immediate effects of moderate- to high-intensity exercise on attention in female university students*. Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
29. Chang, C.-C., Chan, Y.-S., & Ho, C.-S. (2011). *Immediate effects of a three-minute step exercise on visual attention*. Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
30. Huang, T.-Y., Yang, S.-Y., Chen, Y.-E., & Chan, Y.-S. (2011). *Comparison of balance control among older males with different Tai Chi experience levels*. Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
31. Su, Y.-H., Chan, Y.-S., & Ho, C.-S. (2011). *Effects of perceptual-motor training on balance control ability in girls with ADD*. Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
32. Chan, Y.-S. (2011). *Germany's policy on encouraging private sector participation in elite athlete development and training*. Keynote presentation at the Seminar on Incentive Systems for Private Sector Involvement in Elite Sports, Taipei, Taiwan, June 22.
33. Huang, J.-H., Chan, Y.-S., & Ho, C.-S. (2011). *Dynamic balance control and reaction time in adolescents with intellectual disabilities*. Paper presented at the Conference on Adapted Physical Activity and Health Promotion, Taoyuan, Taiwan. ISBN: 978-986-02-8806-3.
34. Chen, W.-C., Huang, C.-H., Hsu, Y.-S., & Chan, Y.-S. (2011). *Reaction time comparison between adolescents with and without intellectual disabilities*. Paper presented at the Conference on Adapted Physical Activity and Health Promotion, Taoyuan, Taiwan. ISBN: 978-986-02-8806-3.
35. Su, Y.-H., Ho, C.-S., & Chan, Y.-S. (2011). *Correlation between visual perception reaction time and static balance ability in adolescents with intellectual disabilities*. Paper presented at the Conference on Adapted Physical Activity and Health Promotion, Taoyuan, Taiwan. ISBN: 978-986-02-8806-3.
36. Chang, C.-C., Chan, Y.-S., Ho, C.-S., & Hsu, Y.-S. (2011). *Balance control performance of adolescents with and without intellectual disabilities under unstable balance-board conditions*. Paper presented at the Conference on Adapted Physical Activity and Health Promotion, Taoyuan, Taiwan. ISBN: 978-986-02-8806-3.
37. Huang, T.-Y., Huang, C.-C., Hsu, Y.-S., & Chan, Y.-S. (2011). *Comparison of static balance control ability between adolescents with and without intellectual disabilities*. Paper presented at the Conference on Adapted Physical Activity and Health Promotion, Taoyuan, Taiwan. ISBN: 978-986-02-8806-3.
38. Hsu, S.-C., & Chan, Y.-S. (2011). *Applications and benefits of exercise training for individuals with osteogenesis imperfecta*. Paper presented at the Conference on Adapted Physical Activity and Health Promotion, Taoyuan, Taiwan. ISBN: 978-986-02-8806-3.
39. Chen, M.-T., & Chan, Y.-S. (2011). *The effects of aquatic exercise on ankylosing spondylitis*. Paper presented at the Conference on Adapted Physical Activity and Health Promotion, Taoyuan, Taiwan. ISBN: 978-986-02-8806-3.
40. Yang, S.-Y., Huang, T.-Y., & Chan, Y.-S. (2011). *Analysis of visual perception and balance movements in regular exercisers using motion-sensing games*. Paper presented at the Conference on Adapted Physical Activity and Health Promotion, Taoyuan, Taiwan. ISBN: 978-986-02-8806-3.
41. Yang, S.-Y., Chen, C.-Y., Chan, Y.-S., & Ho, C.-S. (2011). *Analysis of reaction time and agility in university students with and without regular exercise habits*. Paper presented at the Cross-Strait Conference on Sports Training Science, Tainan, Taiwan.
42. Yang, S.-Y., Chen, C.-Y., Chan, Y.-S., & Ho, C.-S. (2011). *Correlation study between vertical jump height and ground reaction force*. Paper presented at the Cross-Strait Conference on Sports Training Science, Tainan, Taiwan.

43. Su, C.-P., Chen, C.-Y., Lin, G.-C., Chan, Y.-S., & Ho, C.-S. (2010). *Cumulative injury in badminton: Instantaneous peak load on the knee joint during lunging movements*. Paper presented at the Joint Annual Meeting of the Taiwan Society of Biomechanics and the Taiwan Society of Sports Biomechanics, Tainan, Taiwan.
44. Tsai, M.-W., Chan, Y.-S., & Chuang, J.-H. (2010). *The effects of a six-week badminton game training program on balance control ability in lower-grade female elementary school students*. Paper presented at the International Conference on Motor Behavior Research and Applications, Taitung, Taiwan.
45. Wu, S.-H., Chan, Y.-S., & Ho, C.-S. (2009). *Effects of auditory interference on selective visual perception responses in children with ADHD*. Paper presented at the Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
46. Chen, P.-H., Chan, Y.-S., & Ho, C.-S. (2009). *Effects of auditory interference on balance control in children with ADHD*. Paper presented at the Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
47. Chang, C.-C., Chan, Y.-S., Wu, M.-T., & Ho, C.-S. (2009). *The effects of aging on balance control ability*. Paper presented at the Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
48. Pakzad-Mayer, Y., Chan, Y.-S., & Jang, J.-T. (2009). *Balance control in elderly Tai Chi practitioners versus non-practitioners*. Paper presented at the 2009 Conference on Exercise, Health, and Management, Chiayi, Taiwan.
49. Lee, H.-L., & Chan, Y.-S. (2008). *The relationship between single-leg balance control and visual reaction time in school-aged children*. Paper presented at the Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
50. Wu, M.-T., Chen, H.-T., Lin, C.-H., Lee, H.-L., & Chan, Y.-S. (2008). *Correlation among balance ability, lower limb strength, and physical fitness in older adults*. Paper presented at the Annual Conference of the Taiwan Society of Sport and Exercise Sciences, Taipei, Taiwan.
51. Wu, M.-T., & Chan, Y.-S. (2008). *Effects of lower limb reaction time on balance control ability in elderly adults*. Paper presented at the 2008 Conference on Exercise and Health Management, Taichung, Taiwan.

Book Chapters

1. Wu, M.-T., & Chan, Y.-S. (2010). *The effects of a sensorimotor training in the regulation of postural balance in older adults*. In S. F. T. Tang (Ed.), *Proceedings of the 2nd Asia-Oceanian Conference of Physical and Rehabilitation Medicine* (pp. 81–84). Bologna, Italy.
2. Chan, Y.-S. (2012). *Learning from others: Germany's 15-minute daily home exercise program for the elderly*. In *Health and Wellness Manual for Older Adults through Exercise*. Chang Gung University of Science and Technology. (in Chinese)

Other Publications

1. Chan, Y.-S. (2009). *Aquasport – Water Polo*. In *Physical Education Textbook* (pp. 76–85). Weshin Press. (in Chinese)
2. Chan, Y.-S. (2020). *15-minute exercise a day keeps disattention away*. Parenting Source Press, Inc. (in Chinese)

Invited Talks

- 200 場以上演講 Over 200 invited lectures and workshops (2007–2026).
- 演講主題: 適應體育, ADHD 兒童運動治療, 運動與兒童大腦力, 運動與兒童發展 (Topic focus on exercise interventions for ADHD and autism, brain-based attention enhancement, emotional regulation through physical activity, and adapted physical education.)
- invited by major universities, hospitals, medical societies, and special education centers, including National Taiwan University, Mackay Memorial Hospital, Taiwan Medical Association, Autism Foundation, and Simon Fraser University.