楊政達 Cheng-Ta Yang

國立成功大學人文社會科學中心 中心主任
國立成功大學心理學系 特聘教授
台灣心理學會 理事長
中華心理學刊 主編

Contact

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Education

2004-2009	Ph.D. Department of Psychology, National Taiwan University (2008.01. Doctoral Candidate, Department of Psychology, National Taiwan University). 國立臺灣大學心理系博士
2000-2004	B.A. Department of Psychology, National Taiwan University. 國立臺灣大學心理系學士

Current Position

2026.01- present	Editor-in-chief, Chinese Journal of Psychology 中華心理學刊 主編
2024.12- present	Chairman, Taiwanese Psychological Association 台灣心理學會 理事長
2024.09- present	Director, Center for Humanities and Social Sciences, National Cheng Kung University 國立成功大學人文社會科學中心 中心主任
2024.08-2027.07	Visiting Professor, Department of Humanities in Medicine, College of Medicine, School of Medicine, Taipei Medical University 臺北醫學大學醫學系醫學教育暨人文學科客座教授
2023.02-2024.07	Professor, Graduate Institute of Health and Biotechnology Law, College of Humanities and Social Sciences, Taipei Medical University 臺北醫學大學醫療暨生物科技法律研究所教授
2022.05-2023.01	Professor, Department of Humanities in Medicine, College of Medicine, School of Medicine, Taipei Medical University 臺北醫學大學醫學教育暨人文學科教授 心智意識與腦科學研究所特聘教授
2022.08-2024.07	Distinguished Professor, College of Humanity and Social Sciences, Taipei Medical University 臺北醫學大學特聘教授
2021.08-2024.07	Dean, College of Humanity and Social Sciences, Taipei Medical University 臺北醫學大學人文暨社會科學院院長
2020.07-present	Member, FinTech innovation center, National Cheng Kung University 國立成功大學 FinTech 商創研究中心中心成員
2019.08- present	Distinguished Professor Department of Psychology, College of Social Sciences, National Cheng Kung University 國立成功大學社會科學院心理學系特聘教授
2023.02-2023.07	Adjunct Professor University of Taipei 臺北市立大學兼任教授

2018.08-2020.07	Director, International Doctoral Program in Principles and Implications of Mind Sciences, National Cheng Kung University. 國立成功大學心智科學原理與應用國際博士學位學程主任
2017	Fellow of the Psychonomic Society 美國認知心理學會會士
2017.08-2018.02	Visiting Professor, Department of Intermedia Art and Science, School of Fundamental Science and Engineering, Waseda University. 早稻田大學訪問教授
2016.08-present	Joint Appointed Professor Institute of Allied Health Sciences College of Medicine National Cheng Kung University 國立成功大學醫學院健康照護科學研究所合聘教授
2016.08-present	MA Program in Drama National Cheng Kung University 國立成功大學文學院戲劇碩士學位學程支援師資
2016.08-2019.07	Professor, Department of Psychology, College of Social Sciences, National Cheng Kung University 國立成功大學社會科學院心理學系教授
2016.01-2016.02	Visiting professor, Melbourne School of Psychological Science, the University of Melbourne 墨爾本大學心理學系客座訪問教授
2015.08-2016.07	Associate professor (Joint Appointment), Institute of Allied Health Sciences, College of Medicine, National Cheng Kung University 國立成功大學醫學院健康照護科學研究所合聘副教授
2013.02-2016.07	Associate professor, Department of Psychology, College of Social Sciences, National Cheng Kung University 國立成功大學社會科學院心理學系副教授
2011.08-2013.01	Assistant professor, Department of Psychology, College of Social Sciences, National Cheng Kung University 國立成功大學社會科學院心理學系助理教授
2009.08-2011.07	Assistant professor, Department of Psychology and Institute of Cognitive Science, College of Social Sciences, National Cheng Kung University 國立成功大學心理學系暨認知科學研究所助理教授

Research Interests

Visual attention, visual memory, face perception, decision making, response times, psychophysics, mathematical psychology, and cognitive neuroscience.

Awards and Honors

2025.9	國科會 未來科技獎
2025.7	Taipei Golden Eagle Microfilm Festival Silver Award 台北金鵰微電影展銀獎
2025.7	People's Choice Award, SMP Track, Virtual MathPsych/ICCM.
2024.10	Best Paper Award, Chinese Journal of Psychology.
2024.9	Taipei Golden Eagle Microfilm Festival Bronze Award 台北金鵰微電影展銅獎
2024.9	Asia-Pacific and Taiwan Sustainable Action Award Bronze Level 亞太暨台灣永續行動獎銅級
2024	臺北醫學大學 112 學年大型研究計畫獎
2024.1	112 年度永續跨領域整合行計畫北美國立成功大學校友基金會跨領域研究獎勵傑出獎
2023	臺北醫學大學教學計畫獎
2023	國科會人文及社會科學卓越計畫
2023	Best Paper Award of MIMSVAI 2023 Jih Hsuan Peng, Ping-Hsuan Han, Cheng-Ta Yang, Tung-Hua Yang, Ze-Song Chen, Yi Min Huang (2023). Meta Flow Experience: Exploring Group Mindfulness Meditation in the Immersive Environment with Multi Senses Feedback. The Third Workshop on Multiple Input Modalities and Sensations for VR/AR Interactions.

2023.9	Research Award in Sport Sciences, Ministry of Education(教育部體育署 112 年度運動科學研究發展佳作獎勵) Wang, C.-H., Fu, H.-L., Kao, S.-C., Moreau, D., & Yang, C.-T. (2023, Jan). Systems factorial technology provides novel insights into the cognitive processing characteristics of open-skill athletes. Psychology of Sport and Exercise, 102395.
2022	臺北醫學大學 110 學年教學計畫獎，獲獎勵金額$60,000 元
2022.9	Research Award in Sport Sciences, Ministry of Education(教育部體育署 111 年度運動科學研究發展甲等獎勵) Yao, Z. F., Sligte, I. G., Moreau, D., Hsieh, S., Yang, C. T., Ridderinkhof, R. R., Muggleton, N., & Wang, C. H.*(2020, Nov). The brains of elite soccer players are subject to experience-dependent alterations in white matter connectivity. Cortex, 79-91.
2022	Distinguished Professor Taipei Medical University(臺北醫學大學 111 學年度特聘教授)
2022.3	Outstanding Scholar Awards, Foundation for the advancement of outstanding scholarship(傑出人才基金會年輕學者創新獎)
2022.3	Outstanding Research Awards, The Ministry of Science and Technology(科技部 110 年度傑出研究獎)
2021	Research Award in Sport Sciences, Ministry of Education(教育部體育署 110 年度運動科學研究發展佳作獎勵) Wang, C.-H.*, Lin, C. C., Moreau, D., Yang, C.-T., & Liang, W.-K. (2020, Oct). Neural correlates of cognitive processing capacity in elite soccer players. Biological Psychology, 157,107971.

2021	110 年度臺北醫學大學研究類彈性薪資獎勵，每月 1 萬元，獎勵期間 110/08/01-111/07/31
2020	帶領學生團隊[Stop!Bus!] 參加 2020 年公路公共運輸規劃競賽，榮獲社會組第二名，並獲得獎金 15 萬元
2020	臺北市民權國小傑出校友
2020	「心世界」作品榮獲成大新創週「明日之星之舉世矚目獎」，獲得獎金 1 萬元
2020	2020 R. Duncan Luce Outstanding Paper Award, The Society for Mathematical Psychology（數學心理學刊年度傑出論文獎） Yang, C.-T., Hsieh, S., Hsieh, C.-J., Fific, M., Yu, Y.-T., & Wang, C.-H. (2019) An examination of age-related differences in attentional control by systems factorial technology. Journal of Mathematical Psychology. 92:102280'
2020	Teaching Excellence Award for General Education National Cheng Kung University (108 學年度國立成功大學通識課程優良教師)
2020	國立成功大學特聘教授
2019	Research Award in Sport Sciences, Ministry of Education(教育部體育署 108 年度運動科學研究發展甲等獎勵)
2019/2020	Teaching Excellence Award for "Participation in University Innovation and University Social Responsibility Excellence Teachers"National Cheng Kung University (國立成功大學參與大學創新與大學社會責任特優教師」之教學優良獎)
2018	Best Paper Award, Chinese Journal of Psychology. (中華心理學刊年度最佳論文獎)

Chen, J., Lin, P.-Y., & Yang, C.-T.* (2017, Sep). The effect of top-down control on the perceptual decision process in a double-dot detection task. Chinese Journal of Psychology, 59(3), 125-144.

2017 K. T. Li Researcher Award National Cheng Kung University 國立成功大學 106 學年度「李國鼎研究獎」

2017 Fellow of Psychonomic Society （美國認知心理學會會士）

2016 Academia Sinica Research Award for Junior Research Investigators (Humanity and Social Sciences), Taiwan(中央研究院年輕學者研究著作獎)

2015 Young Researcher Innovative Research Award from Taiwan Comprehensive University, Taiwan(臺灣綜合大學系統年輕學者創新研發成果佳作獎)

2015 The Outstanding Young Persons (Science and Technology Research Development category), Junior Chamber International (JCI), Taiwan(中華民國第五十三屆十大傑出青年-「科學及技術研究發展類」)

2013 Ta-You Wu Memorial Award in humanity and Social Science from Ministry of Science and Technology, Taiwan(行政院國家科學委員會年輕學者「吳大猷先生紀念獎」)

2012 Excellent Teaching Award, applying innovative technology to explore smart living – Take Taiwanese culture as an example, Ministry of Education(100 學年度智慧生活跨領域基礎課程及服務學習課程推廣計畫「應用創新科技探索智慧生活－以府城文化為例」被評選為 100 學年度教育部績優課程)

2011	Excellent Mentor of the Year, College of Social Sciences, National Cheng Kung University(國立成功大學 100 學年度輔導優良導師)
2009	Su Xiang-Yu’s Thesis Award, Taiwanese Psychological Association(台灣心理學會蘇薌雨教授心理學位論文獎)
2009	Dean's Award (for research), College of Science, National Taiwan University.
2012-2020	國立成功大學社會科學院延攬、留住及獎勵特殊優秀人才彈性薪資

Membership in Professional Organization

Fellow of Psychonomic Society
Organizing Committee of Configural Processing Consortium (CPC)
President of Taiwanese Psychological Association (2025~)

Japanese Psychological Association
American Psychological Association
Society for Mathematical Psychology
Member of the Phi Tau Phi Scholastic Honor Society of the Republic of China
Honor consultant of Taiwan Memory Sports Association

Academic experiences

<u>Conference host</u>

2026.02.10	臺灣綜合大學系統大師系列講座-Gerd Gigerenzer 教授演講–成功大學光復校區文學院學術演講廳
2024.07.14-15	總召集人，舉辦 TMCP 構形知覺理論與方法研討會 –臺北醫學大學
2024.03.01	總召集人，**Tohoku University X TMU Joint workshop: Improving Mental Health X Human studies** –臺北醫學大學

2024	擔任總召集人，舉辦早稻田大學、立教大學、東京理科大學、成功大學、臺北醫學大學的五校聯合國際工作坊 –地點：日本東京早稻田大學
2023.08.08-09	總召集人，舉辦仙台東北大學、成功大學、臺北醫學大學的三校聯合國際工作坊-仙台東北大學
2023.04.21-23	總召集人，舉辦「2023 土壤與生態平衡國際研討會」 –臺北醫學大學
2022.10.15-16	總召集人，舉辦 2022 台灣心理學年會「變遷下的韌性」–臺北醫學大學 **https://www.tpa-tw.org/post/2022conference-invitation**
2016.10.15-16	Vice president of the 2016 Annual Meeting of Taiwanese Psychological Association (TPA), Tainan, Taiwan. **http://psychology.ncku.edu.tw/tpa2016/**
2015.11.14-15	Local host and vice organizer of the 2015 workshop of Bayesian method of sequential sampling model (2015 NCKUMATHPSYCH), Tainan, Taiwan. **https://sites.google.com/site/nckumathpsy2015/home**
2014.09.26-28	Local host and organizer of the 2014 meeting of the theory and methodology in configural perception (2014 TMCP), Tainan, Taiwan. **https://sites.google.com/site/nckutmcp/**

Editor

Journal of Mathematical Psychology (Consulting editor)
The Quantitative Methods for Psychology (Associate editor, March 2018 – present)
Chinese Journal of Psychology (Associate editor)
Japanese Association of Theoretical Psychology (Editorial board)
Frontiers in Psychology (Guest Editor, June 2013–present)
Frontiers in Cognition (Review Editor)
Symmetry in Human Perception and Cognition (Guest editor)
Signal and Information Processing
Insight - Automatic Control
Symmetry in Human Perception and Cognition (Guest editor)
Signal and Information Processing
Insight - Automatic Control

Journal Reviewer

Behavioral neuroscience
Journal of Affective Disorders

Cognition
Psychological Research
Quarterly of Chinese Physical Education
Computational Brain & Behavior
Psychological Review
Journal of Experimental Psychology: Human Perception & performance
Journal of Mathematical Psychology
Behavior Research Methods
Attention, Perception, & Psychophysics
Frontiers in Psychology
Visual Cognition
Journal of Vision
Cognitive Research: Principle and Implications
Experimental Psychology
Chinese Journal of Psychology
British Journal of Educational Technology
Frontiers in Cognition
Virtual Reality

Reviewer

Project of Kobe Desender, KU Leuven

Conference Paper Reviewer

2017 ICCS（國際認知研討會）
2017 APCV （亞太視覺研討會）
2017 CHI（人機互動研討會）
2016-2020 TAICHI（台灣人機互動研討會）
2016 Annual Meeting of Taiwanese Psychological Association（台灣心理學年會）

Invited talks(應邀參與學術演講)

2026/01/22 SASADRA 社創生活圈系列講座-社創生活圈小聚 Vol.3「課本學不到的在地學」/ SASADRAcafe

2025/12/15 清華大學運動科學系《身體活動與認知神經科學研究》課程/國立清華大學

講題：動起來，大腦更聰明：以認知心理學視角揭秘運動提升腦與心智的機制

2025/11/13 遠見 USR 校內交流工作坊/國立成功大學
遠見 USR 參賽經驗分享：相伴 2026：互為主體、互利共好、底蘊再創

2025/10/17 第 63 屆十大傑出青年論壇/國立成功大學
擔任「法治新世代：社會影響力 x 全球視野」場次引言人

2025/09/17 永續發展與 SROI 研究/國立陽明交通大學

2025/09/07 The 89th Annual Convention of the Japanese Psychological Association Keynote Speech: Unpacking Human–AI collaboration with Systems Factorial Technology: From Decision Theory to Real-World Applications

2025/08/01 財團法人十大傑出青年基金會_《Cue 十傑》網路節目 第五季 ep.9（第 53 屆 十大傑出青年：楊政達老師）

2025/07/03 看得見卻摸不著的心智科學之旅/國立臺南女子高級中學

2025/05/02 認知科學的革命：從訊息處理的觀點談人類心智運作/國立臺南第一高級中學

2025/05/01 認知科學的革命：從訊息處理的觀點談人類心智運作/國立臺南女子高級中學

2024/09/23 「前瞻顯示科技跨域交流活動—運動科技 X 虛擬實境 X 智慧醫療」交流活動
講題:元宇宙中的醫學教育：虛擬現實與沉浸式技術的應用

2024/09/21 「虛實整合 XR 創新教學研討會」演講
講題:元宇宙中的醫學教育：虛擬現實與沉浸式技術的應用

2024/08/17 113 年科學教育研究論壇講座
講題: 顯示科技結合認知科學之跨域應用於科學教育場域應用的優勢與挑戰

2024/08/14 中華民國科學教育協會科學教育研究論壇演講：顯示科技結合認知科學之跨域應用於科學教育場域應用的優勢與挑戰

2023/11/15 Configural Processing Consortium (CPC) 2023 Annual Meeting Keynote Speech: The Dynamic Interactions of Top-Down and Bottom-Up Processing in Holistic Perception

2023/11/03 日本仙台 Little Taiwan：從科技觀點，看台南歷史文化

2023/11/02 日本早稻田大學演講：Utilizing Human and AI Collaboration for Enhanced Decision-Making Efficiency: Insights from Systems Factorial Technology

2023/10/28 中山醫學大學口腔共識營分享：跨域教學經驗與原宇宙在醫學教育的創新

2022/12/01 認知神經科學的測量工具與方法/臺北市立大學

2022/11/03 認知神經科學的理論與應用/臺北市立大學

2022/11/02 國科會傑出研究獎得主分享

2022/10/15 台灣心理學會傑出研究獎得主分享

2022/10/13 簡介心理學/臺北市立大學

2022/09/15 顯示科技與心理學的結合與應用. 臺北醫學大學創新科技教學應用教師社群

2022/08/26 臺灣綜合大學系統 2022 年新進教師專業知能研討會-「專題講座-創新教學」/國立成功大學教務處教學發展中心

3033/08/12 全院學術研討會-轉念，看見/臺北醫學大學附設醫院

2022/07/28 你應該要了解的專注力/心智圖教育學院心智圖高校學習力夏令營

2022/06/25 利用系統多因子技術探討人類知覺決策歷程/2022 科技部心理學門成果發表會

2022/05/18 Introduction to Systems Factorial Technology. Institute of Allied Health Sciences, College of Medicine, National Cheng Kung University(成大健康照護科學研究所)

2021/11/12 Systems factorial technology explained to human decision-making. Neuromodulation Symposium: Psychology, Psychiatry & Neurology, Institute of Clinical Medicine/National Cheng Kung University(成大醫學院臨床醫學研究所)

2021/07/30 實驗認知心理學與決策策略/中央研究院法律研究所

2021/04/16 Systems factorial technology: Theory and Application/ Graduate Institute of mind, brain & consciousness, Taipei Medical University(台北醫學大學心智意識與腦科學研究所)

2020/10/26 通識課程優良教師之經驗分享(二) /成功大學通識中心

2020/09/29 Systems factorial technology provides new insights on the perceptual decision-making process/Neuroscience Seminar, Institute of

Neuroscience, National Yang Ming University(陽明大學神經科學研究所)

2019/09/05 Attention and perceptual decision making/2019 Academic Forum of Academic Strategic Alliance: Oxford and NCKU

2019/08/25 Seeing is Believing? The Introduction of Visual Perception/The 2019 1st Taiwan Congress of Optometrists. Taiwan Optometrists Association, Taiwan(眼見為憑?! 簡介視知覺。019 第一屆臺灣驗光師年會)

2019/07/18 Individual Differences in Perceptual Decision making. WIAS Visiting Researcher Seminar: Waseda Workshop on Decision Research / Waseda Institute of Advanced Studies, Waseda University Japan(日本早稲田大學)

2019/07/12 Systems factorial technology: Theory and Application. /The 113th WIAS Monthly Workshop, Waseda Institute of Advanced Studies, Waseda University, Japan(日本早稲田大學)

2019/06/19 (成功大學文學院月會進行夏日台灣祭課程分享)

2018/12/07 Systems factorial technology provides new insights on perceptual decision-making process. /Cognitive Research Group, School of Psychology, Institute of International Management, National Cheng Kung University, Taiwan

2018/12/03 Attention and perceptual decision-making. /Shanghai Normal University College of Education, China(注意力與知覺決策，上海師範大學)

2018/05/18 Systems factorial technology provides new insights on perceptual decision-making process. /Taipei Medical University, Taiwan（臺北醫學大學）

2018/05/09 Seeing is Believing? /The Introduction of Visual Perception, Taiwan Association For Prevention Of Blindness And Low Vision, Taiwan(「眼見為憑?簡介視知覺」，臺灣低視能防盲學會）

2018/02/26 Systems factorial technology provides new insights on perceptual decision-making process. Cognitive Research Group, School of Psychology, the University of Newcastle, Australia

2018/01/25	Attention and perceptual decision-making. / Department of Psychology, Waseda University, Japan
2017/12/21	Systems factorial technology provides new insights on perceptual decision-making process. /Department of Intermedia Art and Science, School of Fundamental Science and Engineering, Waseda University, Japan
2017/09/28	Systems factorial technology provides new insights on the perceptual decision-making process. /Department of Psychology, Waseda University, Japan
2017/08/12	十傑分享講座-我有超強大腦/第 55 屆十大傑出青年基金會。嘉義女中
2017/08/06	認知促進團體實務工作坊南部場:老化與認知/社團法人臺灣職能治療學會
2017/04/14	樂齡大學: 簡介大腦與認知科學/成功大學推廣教育中心
2016/02/04	Systems factorial technology provides new insights on the perceptual comparison and decision process in change detection. Invited by Cognitive Research Group, the University of Newcastle, Australia
2014/10/31	Individual differences in perceptual decision making. /成功大學健康照護科學研究所
2014/07/08	第三屆成功大學生活體驗營-「大腦與認知科學」課程分享/成功大學生活體驗營營隊
2014/01/22	神經與人文社會科學工作坊：自我和他人工作坊/國立成功大學心智影像中心
2011/07/22	Relative saliency affects the perceptual decision process when detecting multiple feature changes. Johns Hopkins University
2011/01/07	Change Detection and Change Blindness. /中國醫藥大學
2010/12/28	Change Detection and Change Blindness. /國立成功大學
2010/03/30	To remember or not to remember: Recognition memory under change blindness. 中央大學
2009/12/09	To remember or not to remember: Recognition memory under change blindness. 中原大學
2009/03/13	Modeling the decision process in change detection. 國立中正大學
2009/03/05	Modeling the decision process in change detection. 國立成功大學

2009/03/04	Modeling the decision process in change detection. 國立台灣大學
2008/12/04	To remember or not to remember: Memory retrieval and decision in change detection. 輔仁大學

Exhibition

2026/03/21	《玉簪記》崑曲演出－成功大學光復校區成功廳
2026/01/16	國科會人文及社會科學研發處與成大人文社會科學中心共同舉辦「第四期大學與地方政府合作推動地方人文發展與跨域治理計畫—2026 七校大地方小共學活動」－成功大學歷史文物館
2025/12/9-12	2025「Formosa 偎海 e 所在」計畫之「威靈赫奕：東亞玄天上帝信仰文化－期末成果展 × AR 探索」聯合展示成果展-成功大學勝利校區未來館
2025/12/04	描述-著陸：東南亞農業議題與在地行動線上國際論壇
2025/11/15	《玉簪記》崑曲演出－大稻埕戲苑
2025/11/05-06	「成為臺灣人：根著與再生」國際學術研討會－國立成功大學文學院學術演講廳
2025/10/16-18	參與「共鑑慧眼：即時可信媒體防衛盾」專案成果- 台灣創新技術博覽會(TIE)－未來科技館
2025/03/22	2025 春成大藝文季【有研情制態方，無長生不悔藥】《長生殿》崑曲演出－成功大學光復校區成功廳
2024/10/27	大稻埕國際藝術節【有研情制態方，無長生不悔藥】《長生殿》崑曲演出－大稻埕戲苑
2023/12/11	「元心流 2.0」 沉浸式體驗|心靈節奏:呼吸間的旋律-台灣大學沉浸式劇場
2023/12/06-08	「Formosa 偎海 e 所在」之「從 Formosa 航向東亞 IV」成果展－成功大學歷史文物館
2023/10/01	大稻埕國際藝術節《牡丹亭畔草木有情》崑曲演出－大稻埕戲苑
2023/08/06-07	仙台七夕祭文化科技體驗展（日本 VR 體驗展出）－仙台
2023/06/20	日本仙台文化分享會-成功大學
2023/02/15-16	台灣、宮城 文化•災害伝承（日本 VR 體驗展出）－仙台
2022/12/23	「元心流沉浸體驗展：與五感的對話」－台灣大學沉浸式劇場

2022/12/07-10	「Formosa 偎海 e 所在」之「從 Formosa 航向東亞 III」成果展－成功大學歷史文物館
2022/12/03	「元心流沉浸體驗展：與五感的對話」－IEEE AIVR 2022 OpenLab-高雄軟體園區 夢想方舟
2022/11/20-23	台中市政府世足直播派對-運動 VR 科技體驗
2022/11/12-13	小奧運親子運動會-運動 VR 科技體驗 臺北場
2022/11/05-06	小奧運親子運動會-運動 VR 科技體驗 桃園場
2022/10/29-30	台南 X 仙台文化科技體驗展暨交流論壇-成功大學未來館
2022/10/28	大稻埕國際藝術節《自尋佳偶——崑劇中那些勇敢追愛的女子們》－納豆劇場
2022/09/27-29	「元心流沉浸體驗展：與五感的對話」－南台 3D 數位畫廊
2022/08/28	「元心流沉浸體驗展：與五感的對話」－台北 101 双融域
2021/12/01-04	「Formosa 偎海 e 所在」之「從 Formosa 航向東亞 II」成果展 成功大學歷史文物館
2021/03/18-24	台南一仙台文化週【台南仙台文化科技體驗暨論壇】 成功大學歷史文物館
2020/11/06	2020 成功大學圓夢嘉年華新創週（VR 體驗展出） 成功大學未來館
2020/01/09	成德聚堂 VR 體驗展-成德聚堂
2019/12/01	摩登大遊行－仙台台南友好團
2019/11/30	東北文化與仙台七夕介紹體驗 成功大學歷史文物館
2019/11/14	成大新 K 館開幕（VR 體驗展出）成功大學未來館
2019/11/08	2019 成功大學創新創業年度成果發表會 成功大學未來館
2019/11/07	踏溯台南通識課成果展 成功大學歷史文物館
2019/10/18	108 年度智慧內容產業發展策略會（VR 體驗展出）-高雄軟體工業園區
2019/10/15	石卷湊小學校 VR 體驗展（日本 VR 體驗展出）－日本東北宮城縣石巻市
2019/10/14	東北大學文學部 VR 體驗展（日本 VR 體驗展出）-仙台東北大學
2019/10/11-13	台灣文化季 in 仙台（日本 VR 體驗展出）-仙台多媒體中心
2019/06/28	夏日台灣祭課程期末成果展-高雄軟體工業園區

2019/06/22-23	藤崎百貨店兩百週年慶－Taiwan Week（日本 VR 體驗展出）-仙台
2008	Exhibition of Human Eyes. The exhibition was funded by Department of Science Education, National Science Council and was held during July 23rd - August 18th, 2008. Collaboration with National Taiwan University of Science and Technology. See the website http://web.ntust.edu.tw/~myang/2008eye/

<u>Research Assistant</u>

2004-2009	with Dr. Yei-Yu Yeh, Department of Psychology, National Taiwan University. Research about retrieval process and decision process in change detection was supported by the National Science Council
2002	with Dr. Yei-Yu Yeh, Department of Psychology, National Taiwan University. Research about the role of attention in change detection was supported by Asian Office of Aerospace Research & Development (AOARD/AFOSR-02-4011)

Grants

研究計畫

計　畫　名　稱	執行期間	經費(元)	主持或協同	委託單位
114 年高教深耕－TAI-SAFE：智慧國土防災韌性強化與跨域 AI 整合暨社會行為評估應用研究計畫	114/08/01~117/07/31	18,000,000	共同主持人	教育部
邁向可信賴資訊：整合認知洞察與 AI 強化媒體驗證(2/3)(114-2627-M-A49-003-)	114/08/01-115/07/31	6,000,000	共同主持人	國科會
陣動台灣:從傳統武術技藝到科學驗證的運動文化創新-多模態之身心健康促進方案開發與應用(114-2627-H-006-001-MY2)	114/07/01-116/06/30	7,000,000	主持人	國科會
打造共享共榮的永續大南方:高科技發展下的傳統產業社會轉型與韌性(1/3)(114-2420-H-006-005-HS1)	114/07/01-115/06/30	9,000,000	共同主持人	國科會
文化緞帶共織:臺南急水溪區域人口流失地帶的跨世代共創新文化產值(1/3)(114-2420-H-006-006-)	114/07/01-115/06/30	4,000,000	共同主持人	國科會
產學合作計畫－利用圖像與文字雙重編碼理論優化與驗證漢藥文化 VR 遊戲 (114-2622-H-006-004)	114/06/01-115/05/31	1,396,462	主持人	國科會/芒果遊戲股份有限公司
韌性腦於跨越成人生命歷程的追蹤剖析與強化 II(第三年~第四年)(1/2) (114-2321-B-006-015)	114/05/01-115/04/30	7,000,000	共同主持人	國科會
成大敏求學院-2025 AI 永續發展未來之星計畫「從輔助到共識：AI 技術與醫療診斷的雙向協作」	114/04/01-115/03/31	1,200,000	主持人	成大敏求智慧運算學院
114 年高教深耕－成大永續躍升計畫-拔尖案(人機智協：不實訊息辨識之群體智慧決策與落地實踐)	114/03/01-115/02/28	2,400,000	共同主持人	教育部

教育部第四期(114－116 年)大學社會責任實踐計畫永續發展類國際合作型計畫「城鄉相伴健康永續生活・東亞連攜」	114/01/01-116/12/31	三年三千萬	主持人	教育部
利用系統多因子技術探討處理負荷對於合作決策效率的影響（113-2410-H-006 -129 -MY3）	113/08/01-116/07/31	4,321,000	主持人	國科會
邁向可信賴資訊：整合認知洞察與AI 強化媒體驗證(1/3)	113/08/01-114/10/31	6,000,000	共同主持人	國科會
從知覺、記憶、決策多層次觀點探討影像醫學專家的養成--從知覺、記憶、決策多層次觀點探討影像醫學專家的養成(2/2)（113-2423-H-006-001-	113/08/01-114/09/30	2,560,000	主持人	國科會
產學合作計畫－虛實整合下的漢藥文化：VR 技術在中藥推廣的發展與評估（113-2622-H-006-003）	113/06/01-114/05/31	1,397,194	主持人	國科會/德利泰興業有限公司
韌性腦於跨越成人生命歷程的追蹤剖析與強化-韌性腦於跨越成人生命歷程的追蹤剖析與強化(2/2)（113-2321-B-006-014）	113/05/01-114/07/31	9,050,000	共同主持人	國科會
113 年高教深耕－腦意識創新轉譯研究中心計畫	113/01/01-113/12/31	15,000,000	共同主持人	教育部
113 年度高教深耕－永續跨域整合行計畫-以綠能計算與永續學習為基礎之不實多媒體訊息辨識	113/01/01-113/12/31	1,500,000	共同主持人	教育部
112 年度高教深耕－永續跨域整合行計畫-以綠能計算與永續學習為基礎之不實多媒體訊息辨識	112/01/01-112/12/31	1,200,000	共同主持人	教育部
113 年度高教深耕「轉譯創新研究計畫」-思覺失調症在社會與非社會訊息的多感官整合：從基因、行為、賀爾蒙與神經生理學觀點	113/01/01-113/12/31	1,500,000	主持人	教育部
112 年高教深耕－腦意識創新轉譯研究中心計畫	112/01/01~113/12/31	15,000,000	共同主持人	教育部
國科會人文及社會科學卓越計畫-從知覺、記憶、決策多層次觀點探討	112/08/01~113/07/31	2,180,000	主持人	國科會

影像醫學專家的養成 (1/2) (112-2423-H-038-001-)				
內視鏡手術培訓之虛擬實境內容開發(112-2637-H-163-001-)	112/08/01~113/07/31	743,000	共同主持人	國科會
以元宇宙促進全人心盛之學習與應用：使用以人為中心醫學教育策略(112-2410-H-038-017-MY2)	112/08/01~114/07/31	1,892,000	共同主持人	國科會
112 年度高教深耕「轉譯創新研究計畫」-思覺失調症在社會與非社會訊息的多感官整合：從基因、行為、賀爾蒙與神經生理學觀點	112/01/01~112/12/31	1,000,000	主持人	教育部
用機器學習來完成 MRI- PDFF 序列下肝臟實質的自動分割與脂肪分佈計算	112/05/01~113/04/30	238,000	共同主持人	臺北醫學大學—部立雙和醫院專題研究計畫學術合作專題研究計畫
產學合作計畫一透過 VR 學漢藥：發展與評估創新科技導入的漢藥文化推廣模式 (2) (112-2622-H-038-001-)	112/06/01~113/05/31	1,096,534	主持人	科技部/德利泰興業有限公司
韌性腦於跨越成人生命歷程的追蹤剖析與強化一韌性腦於跨越成人生命歷程的追蹤剖析與強化(1/2) (112-2321-B006-013-)	112/05/01~113/07/31	12,200,000	共同主持人	國科會
開發與探討虛擬實境在心像旋轉能力訓練對於中學生數學幾何學習的影響(MOST 111-2628-H-038 -002 -MY2)	111/08/01~113/07/31	2,015,000	主持人	國科會
產學合作計畫一透過 VR 學漢藥：發展與評估創新科技導入的漢藥文化推廣模式(MOST 111-2622-H-038-001 -)	111/06/01~112/05/31	1,302,888	主持人	國科會/德利泰興業有限公司
虛擬實境正念訓練專案開發(DP2-111-21121-01-N-04-01)	111/01/01~111/12/31	500,000	主持人	教育部高教深耕「轉譯創新研究計畫」
高齡長者心理健康議題研究(NHRI-11A1-CG-CO-05-2225-2)	111/01/01~114/12/31	12,000,000	主持人	國衛院
韌性腦的解碼與促進：從多變量剖面標記到介入--韌性腦的解碼與促進：從多變量剖面標記到介入(2/2)(MOST 111-2321-B-006-008 -)	111/01/01~112/04/30	11,921,000	共同主持人	科技部

父親健康狀況對週產期和兒童預後之影響：次級資料庫與出生世代追蹤研究 (II)	111/01/01~ 111/12/31	286,000	共同主持人	台大醫院新竹分院 111 年院內研究計畫
從個人到團體決策：運動員決策機制與神經基礎之研究(MOST 110-2628-H-006-004 -MY3)	110/08/01~ 113/07/31	3,394,000	共同主持人	科技部
產學合作計畫－商城服務系統開發與使用者經驗研究:結合 iBeacon 與擴增實境技術(2) (MOST 110-2622-H-006-002 -)	110/06/01~ 111/09/30	1,269,601	主持人	科技部/芒果遊戲股份有限公司
2021 年 SATU-JRS 計畫(D110-B5503)	110/05/20~ 110/11/30	150,000	主持人	教育部高教深耕計畫
2021 年國立成功大學與馬來西亞、越南及泰國共同研究計畫專案(D110-B5529)	110/05/01~ 110/12/31	300,000	主持人	教育部高教深耕計畫
利用系統多因子技術探討決策歷程的突現特質：從個人決策到團體決策(MOST 109-2410-H-006 -049 -MY3)	109/08/01~ 112/07/31	4,219,000	主持人	科技部
開發與探討虛擬實境在視覺空間認知能力訓練對於小學生數學幾何學習的影響(MOST 109-2511-H-006 -002 -MY2)	109/08/01~ 111/07/31	1,502,000	主持人	科技部
產學合作計畫－商城服務系統開發與使用者經驗研究:結合 iBeacon 與擴增實境技術(MOST 109-2622-H-006-001 -CC3)	109/06/01~ 110/05/31	944,550	主持人	科技部/芒果遊戲股份有限公司
韌性腦的解碼與促進：從多變量剖面標記到介入--韌性腦的解碼與促進：從多變量剖面標記到介入(1/2)(110-2321-B-006 -004 -)	110/01/01~ 111/03/31	16,200,000	共同主持人	科技部
父親健康狀況對週產期和兒童預後之影響:次級資料庫與出生世代追蹤研究研究計劃	110/01/01~ 110/12/31	281,000	共同主持人	台大醫院新竹分院 110 年院內研究計畫
母親孕期健康狀態及藥物暴露對周產期預後及子代長期神經行為疾病發生風險之世代追蹤研究 (III)	110/01/01~ 110/12/31	277,000	共同主持人	台大醫院新竹分院 110 年院內研究計畫
因應 COVID-19，建立與引進社會認可的定位追蹤記述調查(D109-G2901)	109/04/17~ 109/06/30	600,000	主持人	成大高教深耕計畫

母親孕期健康狀態及藥物暴露對周產期預後及子代長期神經行為疾病發生風險之世代追蹤研究(II)	109/01/01~109/12/31	222,000	共同主持人	台大醫院新竹分院109年台大醫院院內研究計畫
無懈可擊的心智：以多模態的腦造影基因圖譜到人工智慧科技，解譯成功的韌性腦－無懈可擊的心智：以多模態的腦造影基因圖譜到人工智慧科技，解譯成功的韌性腦(MOST 108-2321-B-006 -022 -MY2)	108/06/01~109/12/31	8,779,000	共同主持人	科技部
母親孕期健康狀態及藥物暴露對周產期預後及子代長期神經行為疾病發生風險之世代追蹤研究	108/01/01~108/12/31	296,000	共同主持人	台大醫院新竹分院108年台大醫院院內研究計畫
產學合作計畫-以數理模型分析使用者行為並優化用戶體驗(MOST 107-2622-H-006-001 -CC3)	107/11/01~108/10/31	959,860	主持人	科技部/明基電通股份有限公司
一加一大於二？團體決策的動態歷程（2）(107-2410-H-006 -055 -MY2)	107/08/01~109/07/31	2,912,000	主持人	科技部
Keats grant; Cheng Ta, Zach, Paul, Dan, Ami, JimCross-cultural Chinese-English letter identification	107/02			
補助延攬客座科技人才「參與一加一大於二？團體決策的動態歷程」研究計畫-Mario Fific	107/03/04~107/05/02	425,290	主持人	科技部
補助科學與技術人員國外短期研究-日本	106/08/28~107/01/28	436,240	主持人	科技部
產學合作計畫-應用大數據分析使用者行為優化用戶體驗(MOST 106-2622-H-006-001 -CC3)	106/11/01~107/10/31	682,000	主持人	科技部/明基電通股份有限公司
產學合作計畫-投影機使用行為數據分析(B106-K058)	106/07/01~106/12/31	255,500	主持人	明基電通股份有限公司
探討認知風格與認知處理容量間的關係及其神經基礎－認知風格與認知處理容量之個別差異的神經機制(MOST 106 － 2420 － H － 006 -004 -)	106/01/01~106/12/31	972,000	主持人	科技部

探討認知風格與認知處理容量間的關係及其神經基礎－從認知風格與認知處理容量再探老化認知控制之個別差異(MOST 106-2420-H-006 -005 -MY2)	106/01/01~107/12/31	2,693,000	共同主持人	科技部
探討認知風格與認知處理容量間的關係及其神經基礎－以認知風格與認知處理容量觀點探討不同運動型態運動員之個別差異(MOST 103-2410-H-006-127 -)	106/01/01~106/12/31	1,243,500	共同主持人	科技部
短訪計畫(邀請國際科技人士短期訪問) Mark Andrew Georgeson (106 -2912-I-006 -544 -)	106/07/14~106/7/19	77,986	主持人	科技部
一加一大於二？團體決策的動態歷程(MOST 105 - 2410 - H - 006 - 020 -MY2)	105/08/01~107/07/31	2,702,000	主持人	科技部
利用系統多因子技術與神經振盪探討運動員的工作處理容量(MOST 105-2410-H-006 -064 -MY2)	105/08/01~107/07/31	1,769,000	共同主持人	科技部
臺澳科學合作協定--雙邊人員互訪(A1051-A507)	105/01/14~105/02/14	192,010	主持人	科技部
國立成功大學社會科學院補助「邀請國外學者來訪」(D104-39001)	104/11/14~104/11/17	60,000	主持人	教育部
104 年新星拔尖計畫:探討閱讀經驗如何影響視覺文字處理(D104-39A01)	104/03/03~105/08/31	1,800,000	主持人	教育部
探討空間不確定性對於登錄策略選擇的影響(MOST 104-2420-H-006-006-MY2)	104/01/01~105/12/31	1,938,000	主持人	科技部
以認知電生理方法探討運動員與非運動員在具運動特殊性及基礎認知功能的差異(MOST 103-2410-H-006-127 -)	103/12/01~104/08/31	474,500	共同主持人	科技部
103 年-科技部補助邀請國際科技人士短期訪問 MOST 103-2912-I-006-551、MOST 103-2912-I-006-552)	103/09/26~103/10/28	188,550	主持人	科技部
國立成功大學社會科學院補助「邀請國外學者來訪」(D103-39001)	103/08/14~103/10/13	177,775	主持人	教育部
103 年頂尖大學中心舉辦重要國際會議補助-構形知覺理論與方法研討會(D103-39C02)	103/06/23~103/10/13	90,000	主持人	教育部
103 年重點領域拔尖計畫:利用數理分析探討人臉處理的跨文化差異(D103-39A01)	103/01/01~103/12/31	1,000,000	主持人	教育部

平行或序列？--探討決策判斷時影響平行-序列處理的因素(NSC 102-2628-H-006-001-MY3)	102/08/01~105/09/30	3,225,000	主持人	科技部
設計視覺認知：眼動注意力決策的限制理性模型與其視覺設計啟示(NSC 102-2410-H-006-019-)	102/08/01~104/07/31	590,000	共同主持人	科技部
探討當注意一個物體時，與作業相關和無關特徵的神經活動(NSC 102-2420-H-006-004-MY2)	102/01/01~103/12/31	2,014,000	主持人	科技部
頂尖大學補助優秀新進教師暨研究人員學術研究計畫-探討策略性控制、刺激突顯性及處理容量對於改變偵測的比對與決策歷程的影響(D101-39A02)	101/07/01~101/11/30	149,098	主持人	教育部
探討策略性控制、刺激突顯性及處理容量對於改變偵測的比對與決策歷程的影響(NSC 100-2410-H-006 -028 -MY2)	100/08/01~102/07/31	2,141,000	主持人	科技部
年輕學者學術輔導與諮詢	100/03/21~100/09/20	135,625	主持人	科技部
國立成功大學頂尖大學 KPI 指標效能提升計畫(1001102-45)	100/11/01~100/12/31	212,836	主持人	教育部
探討策略性控制如何影響改變偵測的決策歷程(NSC 98-2410-H-006-118-MY2)	98/09/01~100/07/31	2,023,000	主持人	科技部

教學計畫

計　畫　名　稱	執行期間	經費(元)	主持或協同	委託單位	成　果
114 年外籍高階人才來臺實習專案(IIPP)	114/10/02-114/12/15	75,000	主持人	國科會	
全校型–臺灣學–「AR/VR 玩台灣文化」	114/01/01-114/12/31	400,000	主持人	教育部高教深耕計畫	
114 年全球優秀青年學子來臺蹲點計畫(TEEP)	114/01/01-115/12/31	210,000	主持人	教育部	
「教育部推動第三期(112-113 年)大學社會責任實踐計畫」-大學特色類萌芽型 -113 年度「以街區經濟為根基之中草藥文化復振與創新」計畫	113/01/01-113/12/31	3,025,000	主持人	教育部	
全校型-台灣學-「從 Formosa 航向東亞」2-3 海島大冒險 5	113/01/01-113/12/31	400,000	主持人	教育部高教深耕計畫	
112-113 年度「顯示科技人因培育課程計畫」	112/06/01-113/12/31	2,719,800	協同主持人	教育部	
「教育部推動第三期(112-113 年)大學社會責任實踐計畫」-大學特色類萌芽型 -112 年度「以街區經濟為根基之中草藥文化復振與創新」計畫	112/01/01~112/12/31	3,025,000	主持人	教育部	
112-113 年度前瞻顯示科技與跨領域應用教學聯盟計畫(聯盟計畫名稱:前瞻醫療顯示與多媒體計畫)	112/01/01-113/12/31	5,646,820	主持人	教育部	

全校型-台灣學-「從 Formosa 航向東亞」2-3 海島大冒險 4	112/01/01-112/12/31	400,000	主持人	教育部高教深耕計畫	
全校型-台灣學-「從 Formosa 航向東亞」2-3 海島大冒險 3	111/01/01~111/12/31	400,000	主持人	教育部高教深耕計畫	
110-111 年度前瞻顯示科技與跨領域應用教學聯盟計畫(聯盟計畫名稱:前瞻醫療顯示與多媒體計畫)	110/08/03~111/12/31	5,202,560	共同主持人	教育部	
全校型-Formosa 偎海 e 所在-「從 Formosa 航向東亞」2-3 海島大冒險:AR/VR 玩台灣文化	110/01/01~110/12/31	400,000	主持人	教育部高教深耕計畫	
智慧創新跨域人才培育聯盟計畫–文化創意與多媒體聯盟中心跨校推動計畫 (B 類)(加值創作分項 加值創作分項 2–計畫名稱：心視界)(臺教資(二)字第 1090010611V 號)	109/02/01~110/01/31	562,500	主持人	教育部	
全校型-「從 Formosa 航向東亞」2-3 海島大冒險:AR/VR 玩台灣文化	109/01/01~109/12/31	426,440	主持人	教育部高教深耕計畫	
教育部「人文社會與科技前瞻人才培育計畫（簡稱 UFO 計畫）」第零期計畫	108/02/01~108/08/31	440,000	主持人	教育部	
106 年度人文及社會科學知識跨界應用能力培育計畫-創意三角洲：建構大學、城市、產業的鏈結 課程體驗劇場	106/02/01~107/01/31	205,380	協同主持人	教育部	
104 學年度教師專業成長社群「社會神經科學」(D105-11104)	105/03/31~105/12/31	30,000	主持人	教育部	

「人文及社會科學知識跨界應用能力培育計畫」-創意三角洲：建構大學・城市・產業的鏈結(LDT School：Liberal Arts/Design/Technology) (H104-A078)	104/08/01~ 106/01/31	6,996,000	協同主持人	教育部	
103 學年度教師專業成長社群「認知神經科學與認知模擬」(D104-11102)	104/04/01~ 104/12/31	40,000	主持人	教育部	
102 學年度教師專業成長社群「認知神經科學與認知模擬」(D103-11103)	103/03/07~ 103/12/31	60,000	主持人	教育部	
102 學年大學跨科際問題解決導向 A 類課程計畫「認知、科技工程及創新設計：從跨科際觀點探討現代科際所衍生的社會問題」(AM2960)	102/08/01~ 103/07/31	1,311,842	協同主持人	教育部	
102 學年智慧生活跨領域基礎課程及服務學習課程推廣計畫「應用創新科技探索智慧生活－以府城文化為例」	102/10/01~ 103/07/31	156,000	主持人	教育部	
101 學年度教師專業成長社群「認知神經科學與數理模型討論社群」(D102-11100)	102/03/18~ 102/12/31	30,000	主持人	教育部	
101 學年大學跨科際問題解決導向 B 類課程計畫「低頭族的使用者體驗分析與實務(一)、（二）」(1800-18)	101/08/01~ 102/07/31	840,000	主持人	教育部	

101 學年大學跨科際問題解決導向 A 類課程計畫「認知、科技工程及創新設計：從跨科際觀點探討現代科際所衍生的社會問題」(H101-A063)	101/08/01~104/07/31	3,074,402	聯絡人暨授課老師	教育部	
101 學年智慧生活跨領域基礎課程及服務學習課程推廣計畫「創新科技探索智慧空間-以夜市文化為例」(1800-30)	101/08/01~102/07/31	120,000	主持人	教育部	
100 學年下學期圓成計畫(D101-11100)	101/06/11~101/11/30	20,000	主持人	教育部	
100 學年智慧生活跨領域基礎課程及服務學習課程推廣計畫「應用創新科技探索智慧生活－以府城文化為例」(1800-26)	101/02/01~101/07/31	18,900	主持人	教育部	被評選為 100 學年度教育部績優課程。
國立成功大學製作教材補助計畫「心理學數理方法」(D100111B1)	100/11/01~100/12/31	20,000	主持人	教育部	
100 學年圓成計畫(100-4)(D100-11100)	100/10/01~101/02/28	20,000	主持人	教育部	
大學跨學門科學人才培育銜接計畫--認知數理模型－以影像處理實務為例(100-B2-3)	100/01/01~100/12/31	190,000	主持人	教育部	指導學生游如淇獲得「100 學年度大學跨學門科學人才培育銜接計畫」傑出團體獎。另外，指導學生游如淇和張婷昀參加「100 學年度 e-portfolio 優良作品暨優良種子教師競賽」，

					榮獲優良種子教師。
高關懷兒少正向輔導計劃之輔導	99/11/01~100/7/31	140,680	協同主持人	教育部	
98 學年度教師專業成長社群「心理數理學討論社群」	98/10/01~98/12/31	10,000	主持人	教育部	

研究

Publications

PAPERS IN PEER-REVIEWED JOURNALS (* denotes corresponding author)

1. Fu, H.-L., Chiu, Y.-C., Latthirun, K., & **Yang, C.-T.*** (2025). Obligatory coactive processing of color and luminance challenges strategic modulation by predictiveness. *Attention Perception & Psychophysics, 88*, Article 28. https://doi.org/10.3758/s13414-025-03166-8
2. Tsai, F.-J., Satria, F. B., Chang, T.-F., Chen, Y.-C., **Yang, C.-T.**, & Chen, C.-Y. (2025). Job stress and ethical decision-making among healthcare workers in post-pandemic infectious disease control. *Scientific Reports, 15*, 37371. https://doi.org/10.1038/s41598-025-22055-6
3. Hsu, C.-W., Hsieh, S., Lin, W.-R., Chang, Y.-T., Su, Y.-S., **Yang, C.-T.**, Chang, Y.-H., Lin, S.-H., & Goh, J. O. S. (2025). Functional transition rate of the default mode network is associated with self-reported resilience. *NeuroImage, 321*, 121508. https://doi.org/10.1016/j.neuroimage.2025.121508
4. Jaimes, M. S. V., Chaimano, S., Lin, S.-H., Chang, Y.-H., **Yang, C.-T.**, Hsieh, S., Goh, J. O. S., Chu, Y.-W., & Tsai, M.-C. (2025). Relationships between childhood adversity, resilience, and inflammatory profiles in Taiwanese young adults. *Psychoneuroendocrinology, 182,* 107624.

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5. Li, C.-H., Chen, B.-Y., Lin, C.-W., Hsieh, S., **Yang, C.-T.**, Goh, J. O. S., Chang, Y.-H., & Lin, S. H. (2025). MicroRNAs signatures in small extracellular vesicles for psychological resilience in young adults using machine learning. *Epigenomics.* https://doi.org/10.1080/17501911.2025.2558496
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7. Zhang, H. S., Zhou, R., Cheng, C.-Y., Huang, S. H., Cheng, M.-H., & **Yang, C.-T.*** (2025). Decision-Making Efficiency with Aided Information: The Impact of Automation Reliability and Task Difficulty. *Cognitive Research: Principles and Implications 10(44)*.https://doi.org/10.1186/s41235-025-00659-w
8. Zhang, H. S., Zheng, J., Tsai, Y.-Y., & **Yang, C.-T.*** (2025).The joint effect of feedback order and reward schemes on prevalence-induced perceptual decisions. *Scientific Reports15(1),* 24908. https://doi.org/10.1038/s41598-025-10707-6
9. Cambia, J. M., Tsai, J., Daniele, G., Lin, S.-H., Chang, Y. H., **Yang, C.-T.**, Hsieh, S., Goh, J., & Tsai, M. C. (2025, June). Polygenic Mediation Analysis of Psychological Resilience and Outcomes in Taiwanese Young Adults. *The Journal of Genetic Psychology 186(1)*.https://doi.org/10.1080/00221325.2025.2519188
10. Chang, J.-Y., Chou, K.-R., Chang, Y.-L., Lin, W.-Y., Chiu, H.-L., Liao, Y.-C., & **Yang, C.-T.*** (2025). Enhancing cognitive function and well-being in older adults with cognitive and physical decline: A meta-analysis of randomized controlled trials examining physical activity interventions. *Journal of Physical Activity & Health*.https://doi.org/10.1123/jpah.2025-0401
11. Martinez, R. M., Wei, L., Fan, Y.-T., Chen, Y.-C., Goh, K. K., Lin, Y.-N., **Yang, C.-T.**, Cheng, Y. W., & Chen, C. Y. (2025, May). Acute Lorazepam Administration Does Not Significantly Affect Moral Attitudes or Judgments. *Scientific Reports. Scientific Reports 15(1)*, 16108. http://doi.org/10.1038/s41598-025-01109-9
12. Yu, J.-C., Borgne, J. L., Krishnan, A., Gloaguen, A., **Yang, C.-T.**, Rabin, L. A., Abdi, H., Guillemot, V. (2025, Mar) Sparse factor analysis for categorical data with the group-sparse generalized singular value decomposition. *Computational Statistics and Data Analysis.* https://doi.org/10.1016/j.csda.2025.108179

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14. Chang,Y. H.,Yang, M. H., **Yang, C.-T.**, Goh, J., Lin, S. H., & Hsieh, S. (2024). Alternation of psychological resilience may moderate mentalization toward mental health conditions from macro-and microstructure aspects. *NeuroImage*, *299*, 120810.https:// 10.1016/j.neuroimage.2024.120810
15. Zhang, H., Zhu, P. F., & **Yang, C.-T.** (2024). Group efficiency based on the termination rule in the multiple-targets visual search task. *Psychonomic Bulletin & Review*, 1-9.https://doi.org/10.3758/s13423-024-02558-5
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17. Weng, H. C., Huang, L. Y., Imcha, L., Huang, P. C., **Yang, C.-T.**, Lin, C. Y., & Li, P. H. (2024). Drawing as a window to emotion with insights from tech-transformed participant images. *Scientific reports*, 14(1), 11571. https://doi.org/10.1038/s41598-024-60532-6
18. Lin, S.-H., Huang,T.-Y, Liao,Y.-C., Wu, C.-H., Hsieh, S., & **Yang, C.-T.*** (2024). Depressive Status Moderates the Association between Cognitive Ability and Psychological Resilience in Young Adults. *Current Psychology*. https://doi.org/10.1007/s12144-024-05832-w
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20. Hsieh, S., Chang,Y.-H.,Yao, Z.-F.,Yang, M.-H., & **Yang, C.-T.*** (2024). The effect of age and resilience on the dose–response function between the number of adversity factors and subjective well-being. *Frontiers in Psychology, 15,* 1332124.
21. Fu, H.-L., & **Yang, C.-T.*** (2024). Exploring the influence of a 4-week aerobic exercise intervention on cognitive control processes in young adults: An SFT and DDM study. *Progress in Brain Research, 283,* 193-229. DOI: 10.1016/bs.pbr.2023.12.003
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mechanism of conflicting resolution networks. *Scientific Reports, 14*(1), 1669.
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BOOKS AND BOOK CHAPTERS(專書或專書論文)

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CONFERENCE PAPERS (學術會議論文)

1. Huang, M.-Y., Ho, P.-J., Cheng, M.-H., Cheng, C.-Y., & **Yang, C.-T.** (2026, Feb). *The effect of automation reliability and task difficulty on decision efficiency: An SFT and ERP study* [Lecture/Oral presentation]. The Australasian Mathematical Psychology Conference 2026 (AMPC 2026), Singapore.
2. Huang, S.-H., Huang, M.-Y., & **Yang, C.-T.** (2026, Feb). *Applying systems factorial technology to investigate the effect of individual workload on collaborative decision-making efficiency* [Lecture/Oral presentation]. The Australasian Mathematical Psychology Conference 2026 (AMPC 2026), Singapore.
3. Wu, M.-H., Lee, J.-W., Hsu, C.-C., & **Yang, C.-T**. (2026, Feb) *Riemannian geometry model of face representations: Atypicality bias and the other-race effect* [Lecture/Oral presentation]. The Australasian Mathematical Psychology Conference 2026 (AMPC 2026), Singapore.
4. Cheng, M. H., Goh, K. K., Chen, C. Y., Chuang, J. Y., & **Yang C. T.** (2025, Nov). *The Role of Negative Symptoms and Social Functioning in the Relationship between Oxytocin and Quality of Life in Schizophrenia: A Serial Mediation Model.* [Poster presentation]. Taiwanese Society of Psychiatry, Tainan, Taiwan.
5. Feng, S.-H., Chiu, Y.-C., & **Yang, C.-T.** (2025, Nov) *Manual Rotation Training with Virtual Reality: Tool Development and Assessment of its Impact on Junior High School Students' Spatial Intelligence.* [Poster presentation]. Psychonomic Society 66th Annual meeting, Denver, Colorado, USA.
6. Tsai Y.-Y., Chen Y.-P., Lu Y.-H., Chao H.-F., Tseng P., Zhang H., **Yang C.-T.** (2025, Oct). *Enhancing X-Ray Interpretation Efficiency with Bone Density T-Score Assistance.* [Oral presentation]. The 64th Taiwanese Psychological Association Annual Meeting

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7. Chen, C.Y., Cheng, M. H., Goh, K. K., Chuang, J.Y., & **Yang C.T.** (2025, Oct). *Plasma Oxytocin Predicts Self-Gain from First- versus Third-Person Inevitable Moral Dilemmas in Healthy Individuals but Not in Patients with Schizophrenia.* [Oral presentation]. The 64th Taiwanese Psychological Association Annual Meeting (TPA), Tainan, Taiwan.
8. 鄭丞佑、李美賢及**楊政達**（2025，10 月）。 *虛擬實境於中藥教育中的應用與成效評估*[海報 發表]. 第 64 屆台灣心理學年會，台南市，台灣。
9. 吳孟洵及**楊政達**（2025，10 月）。 ***利用系統多因子技術探討 pip-and-pop effect 的認知歷程***[海報 發表]. 第 64 屆台灣心理學年會，台南市，台灣。
10. Hsiao, K.-Y., Kang, J.-H., Chang, H.-H., & **Yang, C.-T.*** (2025, August). *Using machine learning to analyze pulse wave harmonics for detecting mild cognitive impairment.* The 21st International Congress of Oriental Medicine (ICOM 2025), National Taiwan University Hospital, Taipei, Taiwan.
11. Tsai Y.-Y., Yang C.-T., Ho P.-J. & Hsu C.-C. (2025, August 12). *Systems Factorial Technology Reveals Insights on Human-AI Collaboration in Deepfake Detection.* [Invited Talk]. The 21st edition of the IEEE International Conference on Advanced Visual and Signal-Based Systems (AVSS), Tainan, Taiwan.
12. Zhang, H. S., Hsieh, C.-J., & **Yang, C.-T.*** (2025, July). *A mixture model accounted for age-related differences in workload capacity.* MathPsych / ICCM 2025, Columbus, Ohio, USA.
13. Tsai Y.-Y., **Yang C.-T.**, Ho P.-J. & Hsu C.-C. (2025, July 26). *Systems Factorial Technology Reveals Insights on Human-AI Collaboration in Deepfake Detection.* [Poster Presentation]. The 58th Annual Meeting of the Society for Mathematical Psychology (MathPsych), Ohio, USA.
14. Cheng, M. H., Goh, K. K., Chen, C. Y., Wang, C. H., & **Yang C. T.** (2025, Jul). *Oxytocin as a Potential Mediator between Aerobic Fitness and Social Functioning in Schizophrenia.* [Poster presentation]. Annual Congress of the European College of Sport Science, Rimini, Italy.
15. Chang, T.-K., Cheng, M.-H., Goh, K.-K., Chen, C.-Y., Wang, C.-H., Fu, H.-L., & **Yang C.-T.** (2025, Jun). *Association of Negative Symptoms and Oxytocin with Social Functioning Among Individuals with Schizophrenia: Moderated Mediation Effect of Aerobic Fitness.* [Poster presentation]. 2025 Asia Association of Coaching Science Conference, National Taiwan Sport University.
16. Zheng, J., Zhang, H., & **Yang, C.-T.** (2025, June). *The Effect of Age on Low-Prevalence Perceptual Decision Making: Insights from the Drift Diffusion Model.*[Paper presentation]. Virtual MathPsych/ICCM 2025. mathpsych.org/presentation/1809.

17. Zhang, H., **Yang, C.-T.**, & Fox, E. L. (2025, June). *Advancements in Cognitive Diagnostics: Unveiling Decision Making and*
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19. Cheng, C.-Y., Huang, S.-H., Zhang, H., **Yang, C.-T.**. (2024, Oct). *Investigating the interplay of reliability and credibility in aided decision-making using Systems Factorial Technology* [oral presentation]. The 63rd Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
20. Cheng, M.-H., Goh, K.-K., Chen, C.-Y., Wang, C.-H., Fu, H.-L., & **Yang C.-T.** (2024, Jul). *An Investigation of Multisensory Integration in Schizophrenia: A Combined SFT and ERP study.* Theory and Methodology in Configural Perception (TMCP), Taipei, Taiwan.
21. Huang, S.-H., Fu, H.-L., Chiu, Y.-C., Wang, C.-H., & **Yang C.-T.** (2024, July). *Exploring the Dynamics of Group Decision-Making Advantages Across Various Sport Types Through SFT and LBA* [Oral presentation]. 30th Annual Congress of the European College of Sport Science (ECSS), Remini, Italy.
22. Huang, S. H., Cheng, C.-Y., Zhang, H., & **Yang, C.-T.** (2024, July). *Deciphering Decision-Making Efficiency: The interplay of reliability and credibility in automated information processing.* Abstract published at MathPsych / ICCM 2024. Via mathpsych.org/presentation/1342.
23. Chang, J.-Y., Chi, C.-H., Chang, Y.-L., Lin, W.-Y., **Yang, C.-T.**, Liao, Y.-C. (2024, July). *Neuropsychological Profiles of Cognitive Frailty, Mild Cognitive Impairment, and Frailty in Community Sample of Older Adults* [Poster presentation]. 2024 Global Neuropsychology Congress, Porto, Portugal.
24. Hsu, C.-W., Hsieh, S., Lin, W.-R., Chang, Y.-T., **Yang, C.-T.,** Chang, Y.-H., Lin, S.-H., Goh, J.* (2024, April). *Lower Rate of Default Mode Network Functional State Changes Are Associated with Greater Psychological Resilience* [Poster presentation]. Cognitive Neuroscience Society 2024 (CNS 2024), Toronto, Canada.
25. **Yang, C.-T.**, & Tsai, Y. -Y. (2024, March). *Interplay of Expertise, Risk Evaluation, and Probability Information in Decision-Making for Medical Images* [Oral presentation]. 1st Academic Conference of Safety Psychology and Behavior for Healthcare, Tokyo, Japan.
26. Hsiao, K.-Y., Chang, H.-H., **Yang, C.-T.** (2024, March). *Exploring Pulse Wave*

Harmonic Analysis for Early Detection of Mild Cognitive Impairment [Poster presentation]. 16th Taipei Traditional Chinese Medicine International Forum 2024, National Taiwan University International Conference Hall, Taipei, Taiwan.

27. Huang, S.-H., Fu, H.-L., Wang, C.-H., **Yang, C.-T.** (2024, Jan). *The Difference in Group Decision-making Between Athletes Practicing Different Sport Types: A SFT Study.* [Poster presentation]. The 11th International Seminar in Sport and Exercise Psychology (ISSEP 2024), National Taiwan Normal University, Taipei, Taiwan.

28. **Yang, C. -T.**, Cheng, C.-Y., Huang, S.-S., Cheng, M.-H., Zhu, P.-F., Fu, H.-L.(2023, Nov). *Selection History Modulates the Effect of Automation Accuracy and Task Difficulty on Aided Decision-Making.* [Poster presentation]. Psychonomic Society 64th Annual meeting.

29. Chang, K.-T, Kanthika Latthirun & **Yang, C.-T.** (2023, Oct). *The effect of exercise on cognition and mental health of patients with schizophrenia: A systematic review.* [Poster presentation]. The 62nd Taiwanese Psychological Association Annual Meeting (TPA), Hsinchu, Taiwan.

30. Cheng, M.-H., Cheng, C.-Y., Huang, S.-S., Zhu, P.-F., Fu, H.-L. & **Yang, C.-T.** (2023, Oct). *Effects of Automation Accuracy and Task Difficulty on Decision-Making Efficiency: Insights from Systems Factorial Technology.* [Poster presentation]. Taiwanese Psychological Association Annual Meeting (TPA), Hsinchu, Taiwan.

31. Fu, H.-L. & **Yang, C.-T.**, (2023, Oct). *Using system factorial technology and the drift diffusion model to study the effect of aerobic exercise on cognitive control in young adults.* [Poster presentation]. Taiwanese Psychological Association Annual Meeting (TPA), Hsinchu, Taiwan.

32. Feng S.-H. & **Yang, C.-T.** (2023, Oct). *Development And Examination of Virtual Reality in Spatial Cognitive Ability Training on The Learning of Geometry in Elementry School Students* [Poster presentation]. Taiwanese Psychological Association Annual Meeting (TPA), Hsinchu, Taiwan.

33. Zhang, H.-S., Huang, S.-S., Cheng, C.-Y., & **Yang, C.-T.** (2023, July). *Deciphering Decision-Making Efficiency: The interplay of reliability and credibility in automated information processing.* MathPsych/ICCM/EMPG 2023 in Amsterdam, Netherlands.

34. Latthirun, K., Chan, W.-T., **Yang, C.-T.**, & Wu, Y.-J. (2023, July). *Unlocking Resilience: Augmenting Resilience Levels Through Neuromodulation of the Dorsolateral Prefrontal Cortex (dlPFC).* Poster presented at the International Neuropsychological Society

(INS) 2023 meeting in Taipei, Taiwan.

35. Fu, H. L., **Yang, C.-T.**, Kao, S. C., Wang, C. H. (2023, July). *Environmental enrichment modulates aerobic exercise-induced changes in neurocognitive processes associated with cognitive control.* Oral presented at the 28th Annual Congress of the European College of Sport Science (ECSS), Paris, France.
36. Chang, K. T., Wang, C. H., & **Yang, C.-T.** (2023, July). *The Psychological State and Mental Health of Elite Adolescent Athletes: The Mediation Effect of Resilience*. Oral presented at the 28th Annual Congress of the European College of Sport Science (ECSS), Paris, France.
37. Cheng, M. H., Fu, H. L., Tung, P. C., **Yang, C.-T.**, Kao, S. C., & Wang, C. H. (2023, July). *Effect of Motor Complexity on Coordinative Exercise-Induced Acute Change in Proactive Control.* Oral presented at the 28th Annual Congress of the European College of Sport Science (ECSS), Paris, France.
38. Latthirun, K., Chan, W.-T., **Yang, C.-T.**, & Wu, Y.-J. (2023, July). *Unlocking Resilience: Augmenting Resilience Levels Through Neuromodulation of the Dorsolateral Prefrontal Cortex (dlPFC)* [Poster presentation]. International Neuropsychological Society (INS) 2023 Taipei, Taiwan.
39. Fu, H. L., **Yang, C.-T.**, Kao, S.-C., Wang, C.-H. (2023, July). *Environmental enrichment modulates aerobic exercise-induced changes in neurocognitive processes associated with cognitive control* [Oral presentation]. 28th Annual Congress of the European College of Sport Science (ECSS), Paris, France.
40. Cheng, M.-H., Fu, H.-L., Tung, P.-C., **Yang, C.-T.**, Kao, S.-C., & Wang, C.-H. (2023, July). *Effect of Motor Complexity on Coordinative Exercise-Induced Acute Change in Proactive Control* [Oral presentation]. 28th Annual Congress of the European College of Sport Science (ECSS), Paris, France.
41. Chang, K.-T., Wang, C.-H., & **Yang, C.-T.** (2023, July). *The Psychological State and Mental Health of Elite Adolescent Athletes: The Mediation Effect of Resilience* [Oral presentation]. 28th Annual Congress of the European College of Sport Science (ECSS), Paris, France.
42. Fific, M., Little, D., & **Yang, C.-T.** *Modular Serial-Parallel Network (MSPN): A Unified Model for Hierarchical Cognitive and Perceptual Processes.* mathpsych.org/presentation/1189
43. Cheng, C.-Y., Huang, S. S., Cheng, M.-H., Zhu, P.-F., Fu, H.-L., & **Yang, C.-T.** *Effects of Automation Accuracy and Task Difficulty on Decision-Making Efficiency: Insights from Systems Factorial Technology*. mathpsych.org/presentation/1063
44. Hsiao, K.-Y., Lee, C.-C., Chen, Y.-P., Wu, Y.-S., Chang H.-H., & **Yang, C.-T.** (2023, Mar). *Correlation between cognitive function performance and the constitutions in traditional Chinese medicine* [Poster presentation]. 15th Taipei Traditional Chinese

Medicine International Forum 2023, Taipei, Taiwan.

45. Fific, M., Little, D., & **Yang, C.-T.** (2022, July). *Modular serial-parallel network for hierarchical facial representations* [Poster presentation]. Virtual MathPsych/ICCM 2022. mathpsych.org/presentation/911.
46. Wang C.-H., Baumgartner, N., Nagy, C., Fu, H.-L., **Yang, C.-T.**, & Kao, S.-C. (2022, May). *The moderating effect of cardiovascular fitness on the detrimental influence of exhaustive exercise on processing capacity underlying cognitive control* [Poster presentation]. 27th Annual Congress of the European College of Sport Science, Sevilla, España.
47. Chung, C., Fu, H.-L., & **Yang, C.-T.** (2022, July). *The effects of value and probability on the utilization of the perceptual decision strategy* [Paper presentation]. Virtual MathPsych/ICCM 2022. mathpsych.org/presentation/863
48. Zhang, H., Houpt, J., & **Yang, C.-T.** (2022, July). *Holistic processing for Chinese characters and English words* [Paper presentation]. Virtual MathPsych/ICCM 2022. mathpsych.org/presentation/866.
49. Fu, H.-L., Kao, S.-C., **Yang, C.-T.**, & Wang, C.-H. (2022, Oct). *The role of aerobic fitness in moderating the detrimental effect on processing capacity following maximal exercise* [Oral presentation]. 2022 seminar on Sport and Exercise Psychology of Taiwan (SSEPT), Taipei, Taiwan.
50. Fu, H.-L., Wang, C.-H., Kao, S.-C., Moreau, D., & **Yang, C.-T.**, (2022, Oct). *Environmental enrichment modulates aerobic exercise-induced neurocognitive changes associated with cognitive control* [Oral presentation]. 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
51. Chang, K.-T & **Yang, C.-T.** (2022, Oct). *Proactive Personality and Resilience of Adults: The Role of Cognitive Control and Flexibility* [Poster presentation]. 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
52. Chang, K.-T., Cheng, M.-H., Wang, C.-H., & **Yang, C.-T.**, (2022, Oct). *The effect of resilience on adolescent athletes' mental health* [Poster presentation]. 2022 seminar on Sport and Exercise Psychology of Taiwan (SSEPT), Taipei, Taiwan.
53. Cheng, M.-H., Fu, H.-L., Tung, P.-C., **Yang, C.-T.**, Kao, S.-C., & Wang, C.-H. (2022, Oct). *The role of motor complexity in modulating the effect of acute coordinative exercise on cognitive control* [Oral presentation]. 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
54. Cheng, M.-H., Chang, K.-T., Wang, C.-H., & **Yang, C.-T.**, (2022, Oct). *The Moderating Effects of Resilience on the Relationship Between Peace of Mind and Perceived Stress in Soccer Player* [Poster presentation]. 2022 seminar on Sport and Exercise Psychology of Taiwan (SSEPT), Taipei, Taiwan.
55. Latthirun K., Fu, H.-L., **Yang, C.-T.*** (2021, Nov) *Individual Differences in*

Mindfulness and Multi-Signal Processing Efficiency [Poster presentation]. Psychonomic Society 62th Annual meeting, Virtual.

56. Fu, H.-L., Kao, S.-C., Wang, C.-H., & **Yang, C.-T.** (2021, Nov). *The effects of aerobic fitness on inhibitory control and information processing efficiency in young adults* [Poster presentation]. Psychonomic Society 62th Annual meeting, Virtual.
57. Townsend, J.T., **Yang, C.-T.**, Fu, H.-L. (2021, Nov). *On the Density of Faces in Face Space: Explanation in Terms of Infinite Dimensional Riemannian Geometry* [Oral presentation]. Configural Processing Consortium (CPC) 2021, Virtual.
58. Cheng, M.-H., Fu, H.-L., Tung, P.-C., **Yang, C.-T.**, Kao, S.-C., & Wang, C.-H. (2021, Sep). *Motor Complexity Modulates the Acute Effect of Coordinative Exercise on Cognitive Control* [Oral presentation]. 15th International Society of Sport Psychology (ISSP), Taipei, Taiwan.
59. Fu, H.-L., Kao, S.-C., Moreau, D., **Yang, C.-T.**, & Wang, C.-H. (2021, Sep). *The Effects of Environmental Factor on Aerobic Exercise-Induced Neurocognitive Changes during Cognitive Control* [Oral presentation]. 15th International Society of Sport Psychology (ISSP), Taipei, Taiwan.
60. Wang, C.-H., Fu, H.-L., **Yang, C.-T.**, Kao, S.-C. (2021, Sep). *Systems factorial technology provides new insights on the relationship between sport expertise and cognitive function* [Poster presentation]. 15th International Society of Sport Psychology (ISSP), Taipei, Taiwan.
61. Kao, S.-C., Nagy, C., Baumgartner, N., Fu, H.-L., **Yang, C.-T.**, & Wang, C.-H. (2021, Sep). *Acute Effects of Moderate-Intensity Aerobic Exercise on Inhibitory Control and Its Underlying Processing Efficiency* [Poster presentation]. 15th International Society of Sport Psychology (ISSP), Taipei, Taiwan.
62. Zhu, P.-F., Zhang, H., Hsieh, C.-J., Fific, M., & **Yang, C.-T.*** (2021, Jul). *Task difficulty and task rule affect the group decision efficiency* [Oral presentation]. 2021 Meeting of the Society for Mathematical Psychology, Virtual.
63. Fu, H.-L., Kao, S.-C., Wang, C.-H., & **Yang, C.-T.*** (2021, Jul). *Aerobic fitness is associated with resilience capacity for faster decisions in young adults* [Oral presentation]. 2021 Meeting of the Society for Mathematical Psychology, Virtual.
64. Fox, B., Howard, Z., **Yang, C.-T.**, Fu, H.-L., Latthirun, K., & Cook, A. (2021, Jul). *The influence of dual-task load on redundant signal processes* [Oral presentation]. 2021 Meeting of the Society for Mathematical Psychology, Virtual.
65. Wang, Y.W., & **Yang, C.-T.** (2021, May). *Yesterday's Sun Can't Dry Today's Clothes, or Can It? -Priming People with Their Past Experience of Overcoming Adversity Promotes Their Persistence* [Poster presentation]. 2021 Association for Psychological Science Virtual Convention.
66. Fu, H.-L., Wang, C.-H., **Yang, C.-T.**, & Kao, S.-C. (2021, May). *Aerobic fitness is*

associated with acute exhaustive exercise-induced effect on cognitive performance [Poster presentation]. 2021 Ministry of Science and Technology Conference: Sports Technology and Humanities, Tainan, Taiwan.

67. Chen, C.-N., Wu, C.-C. & **Yang, C.-T.** (2021, Apr). *The Impact of Maternal Obesity and Gestational Weight Gain on Offspring Developmental Outcomes: A Population-based Cohort Study in Taiwan* [Poster presentation]. PAS 2021 Virtual Meeting, Virtual Conference.
68. Wang, Y. W., Lin, C.-C., Hsieh, S., Lin, S.-H., Goh, J. O. S., & **Yang, C.-T.** (2021, Feb). *Priming People with Self-Experience Promotes Persistence* [Poster presentation]. Society for Personality and Social Psychology's Annual Convention.
69. Fu, H.-L., Fang, P.-H., Chi, C.-Y., Kuo, C.-T., Liu, M.-H., Hsu, H. M., Hsieh, C.-H., Liang, S.-F., Hsieh, S., & **Yang, C.-T.** (2020, Dec). *Application of Brain-Computer Interface and Virtual Reality in Advancing Cultural Experience* [Poster presentation]. 2020 IEEE International Conference on Visual Communications and Image Processing (VCIP), Macau.
70. Zhu, P.-F., Hsieh, C.-J., & **Yang, C.-T.** (2020, Nov). *Task context affects the group decision efficiency* [Poster presentation]. 61th Annual Meeting of the Psychonomic Society, Virtual Conference.
71. Fu, H.-L., Kao, S.-C., Moreau, D., **Yang, C.-T.**, & Wang, C.-H. (2020, Nov). *Exercise enrichment modulates neural oscillations associated with cognitive control* [Oral presentation]. 2020 seminar on sport and exercise psychology of Taiwan (SSEPT), Taipei, Taiwan.
72. Fu, H.-L., Wang, C.-H., & **Yang, C.-T.**, (2020, Nov). *Using system factorial technology to study the effect of aerobic exercise on young adults' attentional control* [Poster presentation]. pre-meeting of the Society for Mathematical Psychology at the 61th Annual Meeting of the Psychonomic Society, Virtual Conference.
73. Fu, H.-L., Kao, S.-C., **Yang, C.-T.**, & Wang, C.-H. (2020, Oct). *Aerobic fitness level modulates workload capacity for faster decisions in young adults* [Oral presentation]. 25th Annual Congress of the European College of Sport Science (ECSS), Sevilla, Spain.
74. **Yang, C.-T.**, Dennis, S., Wang, Y.-W., Lewandowsy, S., White, J., & Garrett, P. (2020, Oct). *Establishing the social license for mobile tracking technologies for COVID-19* [Oral presentation]. 59th Annual Conference of Taiwanese Psychological Association (TPA), Taipei, Taiwan.
75. Fu, H.-L., Cheng, Y.-C., Zheng, M.-H., **Yang, C.-T.**, & Wang, C.-H. (2019, Nov). *Aerobic fitness is associated with greater workload capacity for faster decisions* [Oral presentation]. 2019 seminar on sport and exercise psychology of Taiwan.
76. **Yang, C.-T.***, Hsieh H., Hsieh C.-J., Fific, M., Yu, Y.-T. & Wang, C.-H. (2019, Nov). *An*

examination of age-related differences in attentional control by systems factorial technology [Poster presentation]. 60th Psychonomic Society Annual Meeting, Monteral, Canada.

77. **Yang, C.-T.***, Yu, Y.-T., Hsieh H., Fific, M., Wang, C.-H., & Hsieh C.-J.(2019, Oct). *An examination of age-related differences in attentional control by systems factorial technology* [Poster presentation]. 65th Japanese Society of Theoretical Psychology, Kochi, Japan.
78. **Yang, C.-T.***, Hsieh, C.-J., & Fific, M. (2018, Sep). *Are two heads better than one? Systems factorial technology provides new insights on the group decision-making process* [Poster presentation]. 82nd Japanese Psychological Association Meeting, Sandai, Japan.
79. **Yang, C.-T.***(2018, Sep). *Zhong-Yong thinking and rational decision-making* [Oral presentation]. JPA 82nd Annual Convention, Tokyo, Japan.
80. **楊政達**・謝淑蘭・謝承儒・Mario Fific・游硯婷・王駿濠. 2019 年 9 月, *システム要因技術による注意制御における年齢差の検討*. 日本心理学会第 83 回大會・日本大阪・
81. 李之林・竹村 和久・**楊政達**. 2019 年 9 月, *独立性と協調性の世代差橋本博日本語版中庸尺度の作成及び妥当性・信頼性の検討*.日本心理学会第 83 回大會・日本大阪・
82. **Yang, C.-T.***, Yu, Y.-T., Hsieh H., Fific, M., Wang, C.-H., and Hsieh C.-J. (2019, Apr). *An examination of age-related differences in attentional control by systems factorial technology* [Poster presentation]. 腦思人文·潮科學-科技部心智科學腦影像研究計畫成果發表會.
83. **Yang, C.-T.***, Hsieh, C.-J., and Fific, M. (2019, Mar). *Are two heads better than one? Systems factorial technology provides new insights on the group decision-making process* [Oral presentation]. 7th International Conference on Business and Social Science, Kyoto, Japan.
84. Tsai, W.-L., Su, L.-W., Ko, T.-Y., **Yang, C.-T.**, & Hu, M.-C. (2019, Mar). *Improve the Decision-making Skill of Basketball Players by an Action-aware VR Training System* [Poster presentation]. 2019 IEEE Conference on Virtual Reality and 3D User

Interfaces, Osaka, Japan.

85. Huang, C.-Y., & **Yang, C.-T.*** (2018, Nov). *System Factorial Technology Provides New Insights on Hybrid Search* [Poster presentation]. 59th Psychonomic Society Annual Meeting, New Orleans, USA.
86. **Yang, C.-T.***, Hsieh, C.-J., & Fific, M. (2018, Nov). *Are two heads better than one? Systems factorial technology provides new insights on the group decision-making process* [Poster presentation]. 59th Psychonomic Society Annual Meeting, New Orleans, USA.
87. Hsieh, C.-J., Fific, M., & **Yang, C.-T.*** (2018, Oct). *Are two heads better than one? Systems factorial technology provides new insights on the group decision-making process* [Oral presentation]. 57th Taiwanese Psychological Association Meeting, Tainan, Taiwan.
88. **Yang, C.-T.*** (2018, Sep). *Zhong-Yong and rational decision making* [Oral presentation]. Japanese Psychological Association 82nd Meeting, Sandai, Japan.
89. **Yang, C.-T.***, Hsieh, C.-J., and Fific, M. (2018, Sep). *Are two heads better than one? Systems factorial technology provides new insights on the group decision-making process* [Poster presentation]. JPA 82nd Annual Convention, Tokyo, Japan.
90. **Yang, C.-T.*** (2018, Aug). *Systems factorial technology: A theory-driven methodology for the identification of perceptual decision mechanism* [Oral presentation]. 64th Theoretical Psychology, Shinjuku, Japan.
91. Hsieh, C. J., Fific, M., & **Yang, C.-T.** (2018, Jul). *Are two heads better than one? Systems factorial technology provides new insights on the group decision-making process* [Oral presentation]. 51st Annual Meeting of the Society for Mathematical Psychology, Madison, WI, USA.
92. Yao, Z. F., Moreau, D., Hsieh, S., **Yang, C.-T.**, Tsai, C. L., Ridderinkho, K. R., Sligte, I. G., & Wang, C. H. (2017, Dec). *Elite soccer players exhibit stronger connectivity in fronto-striatal-cerebellar network during rest* [Poster presentation]. 2017 Annual Winter Conference of Dutch Society for Psychonomic, Egmond, The Netherlands.

93. Chen, J., Hsieh, S.-L., Wang, C-H, **Yang, C.-T.***（2017, Oct). *Aging effect on the workload capacity in visual detection and discrimination* [Oral presentation]. 56th Taiwanese Psychological Association Annual Convention and International Convention 2017, National Chung Cheng University, Chia-Yi.

94. 林佩誼、陳世杰、**楊政達***（民 106 年 10 月）。*探討辨識中英文字歷程的差異*。[口頭形式]2017 台灣心理學年會暨學術研討會，嘉義市國立中正大學。

95. **Yang, C.-T.***, Chen, J., & Lin, P.Y. (2017, Jul). *The effect of top-down control on the selection of decision strategies* [Poster presentation]. 50th Annual Meeting of the Society for Mathematical Psychology, London, UK.
96. **Yang, C.-T.***, Chen, J., Houpt J.W., Eidels A., & Little, D. R. (2016, Nov). *Visual Word Processing Efficiency for Chinese Characters and English Words* [Poster presentation]. 57th Annual Meeting of Psychonomic Society, Boston, Massachusetts.
97. 陳德祐、林柏賓、**楊政達***（民 105 年 10 月）。*特徵選擇的神經機制*。[口頭與海報] 2016 台灣心理學年會暨學術研討會。臺南市國立成功大學。
98. Chen, J., Houpt J.W., Eidels A., Little, D. R., Wong, A.C.-N., **Yang, C.-T.***（2016, Oct). *Visual word processing efficiency for Chinese characters and English words* [Oral presentation]. 2016 Conference and Annual Convention of Taiwan Psychology Association, National Cheng Kung University, Tainan.
99. 陳世杰、林佩誼、**楊政達***（民 105 年 10 月）。*主觀預期效用在知覺決策架構選擇所扮演的角色*。[口頭形式] 2016 台灣心理學年會暨學術研討會，臺南市國立成功大學。
100. **Yang, C.-T.***, Chen, J., Houpt, J.W., Eidels A., & Little, D. R. (2016, Aug). *Visual word processing efficiency for Chinese characters and English words* [Poster presentation]. 49th Annual Meeting of the Society for Mathematical Psychology, New Brunswick, New Jersey.
101. Yu, J.-C., Chen, D.-Y., Little, D. R., & **Yang, C.-T.*** (2015, Nov). *Comparing model-based and neural measures of interference from unattended dimensions using fMRI and Linear Ballistic Accumulation* [Poster presentation]. 2015 Nckumathpsy-Bayesian method of sequential sampling model workshop, Tainan, Taiwan.
102. Huang, K.-W., Tung, H.-C., & **Yang, C.-T.*** (2015, Nov.). *System factorial technology provides new insights on the processing characteristics of detection of feature singletons defined in two dimensions*. 2015 Nckumathpsy-Bayesian method of sequential sampling model workshop, Tainan, Taiwan.
103. Huang, K.-W., Lin, P.-P., Pei-Yi Lin, P.-I., & **Yang, C.-T.*** (2015, Nov). *Visual word processing modulated by reading experience* [Poster presentation]. 2015 Nckumathpsy-Bayesian method of sequential sampling model workshop, Tainan, Taiwan.
104. Yu, J-C., Chen, D-Y., Little, D. R., & **Yang, C.-T.*** (2015, Jul). *Feature-based attention*

affects the information accumulation process: An fMRI study [Paper presentation]. 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California.

105. Chang, T.-Y., Yu, J-C., Little, D. R., & **Yang, C.-T.*** (2015, Jul). *Exogenous and endogenous cues differentially influence the processing architecture during perceptual decision making* [Paper presentation]. 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California.
106. **Yang, C.-T.***, Fific, M., & Chang, T.-Y. (2015, Jul). *Systems factorial technology provides new insights on the other-race effect* [Poster presentation]. 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California.
107. Yu, J.-C., Chang, T.-Y., & **Yang, C.-T.*** (2014, Nov). *Working memory capacity predicts workload capacity* [Paper presentation]. 22nd Annual Meeting of Object Perception, Attention, and Memory (OPAM), Long Beach, California.
108. **Yang, C.-T.***, Chang, T.-Y., & Daniel R.-L. (2014, Nov). *The dynamic changes of the processing architecture in cued detection* [Poster presentation]. 55th Annual Meeting of Psychonomic Society, Long Beach, California.
109. **Yang, C.-T.***, Chang, T.-Y., & Little, D. R. (2014.Nov). *The dynamic changes of the processing architecture in cued detection* [Poster presentation]. 55th Annual Meeting of Psychonomic Society, Long Beach, California.
110. Chang, T.-Y.*, & **Yang, C.-T.** (2014, Jul). *Median thinking style predicts the individual differences in processing capacity* [Poster presentation]. 47th Annual Meeting of the Society for Mathematical Psychology, Quebec, Canada.
111. **Yang, C.-T.***, & Chang, T.-Y. (2014, Jul). *The dynamic changes of the processing architecture in cued detection* [Paper presentation]. 47th Annual Meeting of the Society for Mathematical Psychology, Quebec, Canada.
112. Yu, J.-C., Chang, T.-Y., & **Yang, C.-T.*** (2014, Jul). I*ndividual differences in working memory capacity and workload capacity* [Paper presentation]. 47th Annual Meeting of the Society for Mathematical Psychology, Quebec, Canada.
113. Yu, J.-C., & **Yang, C.-T.*** (2013, Nov). *Salient task-irrelevant features interfere with perception of an attended feature* [Poster presentation]. 21st meeting of Object, Perception, Attention, and Memory (OPAM), Toronto, Canada.
114. **Yang, C.-T.***, & Chang, T.-Y. (2013, Nov). *Selective attention modulates the effect of contingencies on processing redundant targets* [Poster presentation]. 54th meeting of Psychonomic Society, Toronto, Canada.
115. Chang, T.-Y., & **Yang, C.-T.*** (2013, Nov). *Selective attention modulates the effect of contingencies on the perceptual decision process* [Poster presentation]. 21st meeting of Object, Perception, Attention, and Memory (OPAM), Toronto, Canada.
116. **Yang, C.-T.***, & Chang, T.-Y. (2013, Aug). *Selective attention modulates the effect of*

contingencies on the perceptual decision process [Poster presentation]. 46th Annual Meeting of the Society for Mathematical Psychology, Germany, Potsdam.

117. 陳彥瑋、李幸芳、侯元忠、林孟玹、柯旻伶、**楊政達***（民 102 年 5 月）。*應用創新科技探索智慧空間--以夜市文化為例*。萬金生（主持人），2013 展場導覽與雲端科技(App)學術研討會發，台南市遠東科技大學。

118. **Yang, C.-T.***, & Hu, Y. (2012, Nov). *Examining the effect of payoffs on stimulus detection in a redundant-target detection task* [Poster presentation]. 53rd meeting of Psychonomic Society, Minneapolis, Minnesota.
119. Chang, T.-Y., Wu, C.-J., & **Yang, C.-T.*** (2012, Oct). *Relative change probability affects the decision process of detecting multiple feature-changes* [Paper presentation]. 51st Annual Meeting of Taiwanese Psychological Association, Taichung, Taiwan.
120. **Yang, C.-T.***, & Hu, Y. (2012, Jul). *Examining the effect of payoffs on stimulus detection in a redundant-target detection task* [Paper presentation]. 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, Ohio.
121. Hsu, C.-C., & **Yang, C.-T.*** (2012, Jul). *Top-down control modulates the effect of exogenous attention on the process of detecting the redundant targets* [Paper presentation]. 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, Ohio.
122. Yu, J.-C., & **Yang, C.-T.*** (2011, Nov). *False recognition of a pre-change object is position dependent* [Poster presentation]. 19th meeting of Object, Perception, Attention, and Memory (OPAM), Seattle, WA.
123. Chang, T.-Y., & **Yang, C.-T.*** (2011, Nov). *The effect of perceptual load on the processing of a distracting schematic face* [Poster presentation]. 19th meeting of Object, Perception, Attention, and Memory (OPAM), Seattle, WA.
124. **Yang, C.-T.*** (2011, Nov). *Relative change probability affects the decision process of detecting multiple feature changes* [Paper presentation]. 52nd Annual Meeting of Psychonomic Society, Seattle, WA.
125. **Yang, C.-T.*** (2011, Oct). *Relative change probability affects the decision process of detecting multiple feature changes* [Poster presentation]. 50th Annual Meeting of Taiwanese Psychological Association, Taichung, Taiwan.
126. Wu, Y.-J., & **Yang, C.-T.*** (2011, Oct). *Revisiting the whole-display superiority in change detection* [Poster presentation]. 50th Annual Meeting of Taiwanese Psychological Association, Taichung, Taiwan.
127. **Yang, C.-T.*** (2011, Jul). *Relative change probability affects the decision process of detecting multiple feature changes* [Paper presentation]. 44th Annual Meeting of the

Society for Mathematical Psychology, Boston, MA.

128. Chang, W.-S., Wu, Y.-J., & **Yang, C.-T.*** (2011, Jul). *The decision process of detecting changes in first- and second-order orientations* [Paper presentation]. 44th Annual Meeting of the Society for Mathematical Psychology, Boston, MA.
129. Pan, J., Tsai, Y.-C., & **Yang, C.-T.*** (2011, Jul). *Revisiting visual-auditory integration in a redundant target detection task* [Paper presentation]. 44th Annual Meeting of the Society for Mathematical Psychology, Boston, MA.
130. **Yang, C.-T.***, Cheng, F.-N., & Teng, W.-G. (2011, Jul). *Assessing media relevance via eye tracking* [Paper presentation]. 1st International Workshop on Mobile Social Networks, Kaohsiung, Taiwan.
131. **Yang, C.-T.***, & Yeh, Y.-Y. (2010, Nov). Relative salience in change signals affects decision strategy in change detection [Poster presentation]. 51st Annual Meeting of the Psychonomic Society, St. Louis, Missouri.
132. Tsai, Y.-C., & **Yang, C.-T.*** (2010, Nov). *The effect of perceptual distinctiveness on affective judgment* [Poster presentation]. 18th meeting of Object, Perception, Attention, and Memory (OPAM), St. Louis, Missouri.
133. Wu, C.-J., & **Yang, C.-T.*** (2010, Nov). *The role of saliency in real world at different time courses* [Poster presentation]. 18th meeting of Object, Perception, Attention, and Memory (OPAM), St. Louis, Missouri.
134. Liu, Y.-C., & **Yang, C.-T.*** (2010, Nov). *The effect of strategic control on detecting change* [Poster presentation]. 18th meeting of Object, Perception, Attention, and Memory (OPAM), St. Louis, Missouri.
135. Tsai, Y.-C., & **Yang, C.-T.*** (2010, Nov). *The effect of perceptual distinctiveness on affective judgment* [Poster presentation]. 49th Annual Meeting of Taiwanese Psychological Association, Chiayi, Taiwan.
136. Wu, C.-J., & **Yang, C.-T.*** (2010, Nov). *The role of saliency in real world at different time courses* [Poster presentation]. 49th Annual Meeting of Taiwanese Psychological Association, Chiayi, Taiwan.
137. Liu, Y.-C., & **Yang, C.-T.*** (2010, Nov). *The effect of strategic control on detecting change* [Poster presentation]. 49th Annual Meeting of Taiwanese Psychological Association, Chiayi, Taiwan.
138. **Yang, C.-T.*** (2010, Nov). *Relative Salience of Change Signals Affects Decision Strategy in Change Detection* [Paper presentation]. 49th Annual Meeting of Taiwanese Psychological Association, Chiayi, Taiwan.
139. Yeh, Y.-Y.*, Chen. Y.-H., & **Yang, C.-T.** (2009, Nov). *Target-distractor competition influences the compatibility effect under low perceptual load* [Paper presentation]. 50th Annual Meeting of the Psychonomic Society, Boston, MA.
140. **Yang, C.-T.***, Hsu, Y.-F. & Yeh, Y.-Y. (2009, Nov). *Detecting changes in a multi-*

element display [Paper presentation]. 50th Annual Meeting of the Psychonomic Society, Boston, MA.

141. Tseng, Y.-C., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, Nov). *Dual processes in recognition memory of a pre-change object* [Poster presentation]. 17th meeting of Object, Perception, Attention, and Memory (OPAM), Boston, MA.
142. Chiu, P.-T., Liao, Y.-W., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, Nov). *Strategic control through speed grouping in multiple object tracking* [Poster presentation]. 17th meeting of Object, Perception, Attention, and Memory (OPAM), Boston, MA.
143. **Yang, C.-T.***, Hsu, Y.-F. & Yeh, Y.-Y. (2009, Oct). *Detecting changes in a multi-element display* [Poster presentation]. 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
144. Huang, K.-Y., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, Oct). *The cuing benefit on change detection relies on effective top-down control* [Poster presentation]. 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
145. Tseng, Y.-C., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, Oct). *Dual processes in recognition memory of a pre-change object* [Poster presentation]. 48th Annual Meeting of Taiwanese Psychological Association, Taipei Taiwan.
146. Chiu, P.-T., Liao, Y.-W., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, Oct). *Strategic control through speed grouping in multiple object tracking* [Poster presentation]. 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
147. Lee, S.-M., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, Oct). *The iconic memory decay rates vary as a function of types of attentional cuing* [Poster presentation]. 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
148. Chu, C.-F., Cheng, M., Chen, C.-C., **Yang, C.-T.** & Yeh, Y.-Y.* (2009, May). *Object identification in scene background of different spatial frequencies* [Poster presentation]. 9th Annual Meeting of Vision Sciences Society (VSS), Naples, Florida.
149. **Yang, C.-T.***, Hsu, Y.-F., & Yeh, Y.-Y. (2008, Nov). *Detecting changes in a multi-element display* [Poster presentation]. 16th meeting of Object, Perception, Attention, and Memory (OPAM). Chicago, Illinois.
150. **Yang, C.-T.***, Hsu, Y.-F. & Yeh, Y.-Y. (2008, Oct). *The decision process in change detection* [Paper presentation]. 47th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
151. **Yang, C.-T.***, Hsu, Y.-F., & Yeh, Y.-Y. (2008, Jul). *Detecting changes in a multi-element display* [Paper presentation]. 41st Annual Meeting of the Society for Mathematical Psychology, Washington, DC.
152. **Yang, C.-T.***, Hsu, Y.-F., & Yeh, Y.-Y. (2008, Jun). *The decision process in change detection* [Paper presentation]. 6th Chinese Psychologist Conference, Hong-Kong.

153. **Yang, C.-T.***, & Yeh, Y.-Y. (2007, Nov). *Memory of an attended objects: Top-down and bottom-up interaction on delayed-matching of features* [Poster presentation]. 15th meeting of Object, Perception, Attention, and Memory (OPAM). Long beach, CA.
154. 117. **Yang, C.-T.***, Hsu, Y.-F. & Yeh, Y.-Y. (2007, Jul). *The decision process in change detection* [Paper presentation]. 40th Annual Meeting of the Society for Mathematical Psychology, Costa Mesa, CA.
155. **Yang, C.-T.***, & Yeh, Y.-Y. (2006, Nov). *The relationship between change detection and memory of previously glanced objects* [Poster presentation]. 14th meeting of Object, Perception, Attention, and Memory (OPAM). Houston, Texas.
156. **Yang, C.-T.**, Wu, C.-H., Sun., C.-L., & Yu, Y.-P.* (2006, Sep). *A measurement for sport slump experience* [Poster presentation]. 45th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
157. Wu, C.-H., **Yang, C.-T.**, Sun, C.-L., & Yu, Y.-P.* (2006, Sep). *Preventing self-handicapping in sport by enhancing intrinsic motivation: A perspective from an angle of self determination theory* [Poster presentation]. 45th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
158. **Yang, C.-T.**, Hsu, Y.-F., & Yeh, Y.-Y.* (2006, Jan). Featural memory of an attended object [Poster presentation]. Workshop on Brain and Cognition. Taipei, Taiwan.
159. **Yang, C.-T.**, Shih., C.-H., Siskerodir, M., & Yeh, Y.-Y.* (2005, Nov). *Face detection advantage: Capture or odd-one out* [Poster presentation]. 13rd meeting of Object, Perception, Attention, and Memory (OPAM). Toronto, Ontario.
160. Yeh, Y.-Y.*, **Yang, C.-T.**, & Hung, Y.-C. (2005, Nov). *Dissociation between recognition of pre-change objects and change detection* [Paper presentation]. Paper presented at the 46th Annual Meeting of Psychonomic Society. Toronto, Ontario.
161. Yeh, Y.-Y.*, **Yang, C.-T.**, & Hung, Y.-C. (2005, Oct). *Dissociation between recognition of pre-change objects and change detection* [Poster presentation]. 44th Annual Meeting of Taiwanese Psychological Association. Taoyuan, Taiwan.
162. Shih, C.- H., **Yang, C.-T.**, Cheng, M., & Yeh, Y.-Y.* (2005, Oct). *Domain specificity: Do male faces capture attention?* [Poster presentation]. 44th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
163. **Yang, C.-T.**, & Yeh, Y.-Y.* (2005, Jan). *Top-down and bottom-up interaction on delayed-matching of features* [Poster presentation]. International Conference on Attentional Control (ICAC). Chia-yi, Taiwan.
164. **Yang, C.-T.**, & Yeh, Y.-Y.* (2005, Jan). Perceptual memory of an object's features [Paper presentation]. Workshop on Attention and Perception. Chia-yi, Taiwan.
165. **Yang, C.-T.**, & Yeh, Y.-Y.* (2004, Aug). Perceptual memory of an object's features [Poster presentation]. 28th International Congress of Psychology (ICP). Beijing,

China.

166. Wu, C.-H., **Yang, C.-T.**, & Yao, K.-P. G.* (2003, Nov). The relationships between self-clarity and quality of life [Poster presentation]. Annual Meeting of the International Society for Quality of Life Research (ISOQOL), Praque, Czech Republic.
167. Yeh, Y.-Y.*, & **Yang, C.-T.** (2003, Nov). The role of visual attention in visual short-term memory [Poster presentation]. 44th Annual Meeting of Psychonomic Society, Vancouver, B.C., Canada.
168. **Yang, C.-T.**, Lin, S.-H., Shih, C.-H., & Yeh, Y.-Y.* (2003, Oct). The effect of perceptual and conceptual similarity on detecting changes [Poster presentation]. 42nd Annual Meeting of Chinese Psychological Society. Taipei, Taiwan.
169. **Yang, C.-T.**, Chiu, Y.-C., & Yeh, Y.-Y.* (2002, Oct). *Cueing effect on detecting changes in visual working memory* [Poster presentation]. 41st Annual Meeting of Chinese Psychological Society, Tainan, Taiwan.

OTHER PUBLICATIONS(其他)

1. 楊政達(2022)。數學與認知心理的交融。「成大研究快訊」。34(2)。
2. 楊政達(2022)。心理學研究的斜槓人生:心理/數學/科技。科技部人文及社會科學研究發展司「人文與社會科學簡訊」。23(3)，137-139。
3. 王郁雯、楊政達(2021)。台灣防疫的下一哩路-科技防疫與社會價值觀的省思。科技部人文及社會科學研究發展司「人文與社會科學簡訊」。22(2)，35-40。
4. 楊政達、謝淑蘭(2020)。韌性腦如何幫助面對新冠肺炎下的防疫政策？科技部全球事務與科學發展中心-臺灣研究亮點。 http://trh.gase.most.ntnu.edu.tw/tw/article/content/123?fbclid=IwAR2v3w-1oasYU4vBKllT1sBFhCPTSfqQTUR9cDHYGQe_zxizFgS9vVwwKtM
5. 楊政達(2020)。利用系統多因子技術探討老化的注意力控制。「成大研發快訊文摘」。32(2)，3。
6. 楊政達(2016)。從澳洲數學心理學發展談台灣心理學的發展。科技部人文及社會科學研究發展司「人文與社會科學簡訊」。17(4)，94-101。

楊政達(2015)。 探討知覺突顯性對於喜好度判斷的影響。『成大研發快訊文摘』。29(6)，3。

學生論文指導工作

研究所	研究生姓名	博士(碩士)	論文名稱	畢業時間(肄業)	成果(如發表在期刊之情形)
健照所	蕭坤元 Hsiao, Kun-Yuan	博士	脈波諧波特徵之理論驗證及其對認知刺激反應與中醫學理的一致性探討 [Theoretical Validation of Pulse Wave Harmonic Features and Their Alignment with Traditional Chinese Medicine Theory in Response to Cognitive Stimulation]	114/08/31 (114 學年度/第 1 學期)	
心理所	朱鵬飛 Peng-Fei Zhu	碩士	利用系統多因子技術探討作業難度與作業規則對團體決策優勢的影響 [Using systems factorial technology	110/09 (110 學年度/第 2 學期)	Zhu, P. F., Hsieh, C. J., & Yang, C. T. (2020, November). Task context affects the group decision efficiency. In the 61th Annual Meeting, Virtual Psychonomics.

			to investigate the effect of task rule and task difficulty on the collective benefit in group decision-making]		Zhu, P.-F., Zhang, H., Hsieh, C.-H., & Yang, C.-T. (Accepted). Using systems factorial technology to investigate collective benefit in group decision-making. Chinese Journal of Psychology. (TSSCI: Psychology)
心理所	傅晧倫	碩士	Environmental factors modulate aerobic exercise-induced neurocognitive changes associated with cognitive control [運動環境因子對有氧運動在執行控制功能中的認知促進效果]	110/09 (110 學年度/第 2 學期)	
心理所	林佩誼	碩士	利用系統多因子技術探討中英文字處理歷程	107/07 (106 年度/第 2 學期畢業)	

			[Systems Factorial Technology provides new insights on Chinese and English visual word processing]		
心理所	尚林霖	碩士	概念生成與處理效率及其和創造力的關係 [Relationship between Processing Capacity of Concept Formation and Creativity]	105/08/27 (104 年度/第 2 學期畢業)	
心理所	鄭凱駿	碩士	探討靜態與動態突顯性對於廣告注意力攫取的影響 [Examining the effect of salience manipulations of ads on oculomotor capture]	105/1 畢業(104 年度/第 2 學期畢業)	
心理所	游如淇	碩士	工作記憶容量與工作負荷量的個別差異	104/02 畢業(103 年度/第 1 學期畢業)	1.Yu, J.-C., Chang, T.-Y., & Yang, C.-T.* (2014). Individual

			[[Individual differences in working memory capacity and workload capacity]]		differences in working memory capacity and workload capacity. Frontiers in Psychology. 5:1465. doi: 10.3389/ fpsyg.2014.01465 2.Yu, J.-C., Chang, T.-Y., & Yang, C.-T.* (2014). Working memory capacity predicts workload capacity. Visual Cognition, 22(8), 1046 -1049. 3. Yang, C.-T.*, Yu, J.-C., & Chang, W.-S. (2016, Jun). Using systems factorial technology to investigate cognitive processing in redundant visual-auditory signals. Chinese Journal of Psychology.
認知科學研究所	張文乘 Wen-Sheng Chang	碩士	視聽冗餘訊息在不同作	103/07 畢業	1. Yang, C.-T.*, Yu, J.-C., & Chang, W.-S.

	學號: u76991015		業下的處理模式 [An Investigation on the Redundant Visual-Auditory Processing]		(2016, Jun). Using systems factorial technology to investigate cognitive processing in redundant visual-auditory signals. Chinese Journal of Psychology. 2. Yang, C.-T., Chang, W.-S., Cheng, F.-N., & Teng, W.-G.* (2011). Gaze-based feedback in assessing media relevance. Journal of Computers, 22(2), 23-32.
認知科學研究所	張婷昀 Ting-Yun Chang 學號: u76024012	碩士	目標位置機率會影響知覺決策歷程 [Target location probability affects the perceptual decision process]	103/06/20 畢業(102 年度第 2 學期畢業)	1. Yu, J.-C., Chang, T.-Y., & Yang, C.-T.* (2014). Individual differences in working memory capacity and workload capacity.

					Frontiers in Psychology. 5:1465. doi: 10.3389/fpsyg.2014.01465 2. Chang, T.-Y., & Yang, C.-T.* (2014). Individual Differences in Zhong-Yong Tendency and Processing Capacity. Frontiers in Psychology. 5:1316. doi: 10.3389/fpsyg.2014.01316. 3. Yu, J.-C., Chang, T.-Y., & Yang, C.-T.* (2014). Working memory capacity predicts workload capacity, Visual Cognition, 22(8), 1046-1049. 4. Yang, C.-T.*, Chang, T.-Y., & Wu, C.-J. (2013). Relative change

					probability affects the decision process of detecting multiple feature changes. Journal of Experimental Psychology: Human Perception and Performance, 39(5), 1365-1385.
認知科學研究所	許景淳	碩士	上而下的控制可以調控空間線索對於雙重目標偵測歷程的影響 Top-down control modulates the cuing effect on the processes of detecting the redundant targets	102/07/22 畢業(101 年度第 2 學期畢業)	1. Yang, C.-T.*, Little, D. R., & Hsu, C.-C. (2014.Jun). The influence of cueing on attentional focus in perceptual decision making. Attention, Perception, & Psychophysics, 76(8), 2256-2275. 2. Yang, C.-T.*, Hsu, C.-C., Huang, Y.-M., & Tsai, Y.-C. (2013). Examining the effect of perceptual saliency on the liking judgment.

					Chinese Journal of Psychology, 55(1), 139-158.
認知科學研究所	蔡宜成 Yi-Cheng Tsai 學號: U76981078	碩士	喜歡我記得的：探討知覺獨特性對曝光效果與再認記憶的影響 Liking What I Remember: Examining Perceptual Distinctiveness on Mere Exposure Effect and Recognition Memory	100/08/26 (99 年度第 2 學期畢業)	已發表論文: 蔡宜成、楊政達*（2012）：（探討知覺負荷量對於干擾圖臉處理的影響）。《中華心理學刊》，54，253-267。[Tsai, Y.-C., & Yang, C.-T.* (2012). The Effect of Perceptual Load on the Processing of a Distracting Schematic Face. Chinese Journal of Psychology, 54, 253-267.] 已發表期刊: 楊政達*、許景淳、黃揚名、蔡宜成（2013）：（探討知覺突顯性對於喜好度判斷的影響）。《中華心理學刊》55（1）, 139-158。[Yang, C.-T.*, Hsu, C.-C., Huang, Y.-M., & Tsai, Y.-C. (2013). Examining the Effect of Perceptual Saliency on the

					Liking Judgment. Chinese Journal of Psychology. 55(1), 139-158.]
認知科學研究所	吳宜蓉 Yi-Jung Wu 學號: u76974013	碩士	重新探索全部呈現在改變偵測作業所具有的優勢 [Revisiting the whole-display superiority in change detection]	101/07/12 (100 年度第 2 學期畢業)	
認知科學研究所	許景淳 Ching-Chun Hsu 學號: u76001048	碩士	上而下的控制可以調控空間線索對於雙重目標偵測歷程的影響 [Top-down control modulates the cuing effect on the processes of detecting the redundant targets]	102/07/22 (101 年度第 2 學期畢業)	

指導學生優良表現

1. 指導學生席拉蓉 2025 健康老化與心理健康國際研討會 榮獲口頭論文發表競賽第二名，獲得獎金 4,000 元
2. 指導學生黃勝旭獲得 114 學年度教育部博士生獎學金獎助，獎助期間：114 年 8 月 1 日至 115 年 7 月 31 日
3. 指導學生鄭民輝續領 114 年國立成功大學培育優秀博士生獎學金/國科會博士生研究獎學金
4. 指導學生蕭坤元博士東洋國際醫學會(ICOM)榮獲海報論文賽亞軍
5. 指導學生黃勝旭、蔡昀諺 榮獲國科會補助代表參與國際學術會議
6. 指導學生黃勝旭獲得 2025 Virtual MathPsych/ICCM SMP Track People's Choice Award
7. 指導學生張焜棠獲得 2025 亞洲教練學會學術研討會–運動科技應用獲得論文佳作
8. 指導學生鄭丞佑、黃勝旭獲得 2025 年東北大學 JASSO 獎學金，每人補助金額：日幣 80,000 元
9. 指導學生鄭丞佑獲得 114 年國立成功大學跨國雙向研修獎助學金，補助金額：新台幣 30,000 元
10. 指導學生朱鵬飛獲得 2024 年中華心理學刊論文獎年度最佳論文(論文題目：利用系統多因子技術探討團體決策優勢)
11. 指導學生傅晧倫申請到牛津大學(University of Oxford)臨床神經科學博士班(DPhil in Clinical Neurosciences)
12. 指導學生鄭民輝獲得國科會補助國內研究生出席國際學術會議，補助金額：新台幣 40,000 元、國立成功大學心理學系 111 學年度下學期研究生申請國際學術研究會議補助
13. 指導學生張焜棠獲得國科會補助國內研究生出席國際學術會議，補助金額：新台幣 50,000 元、國立成功大學心理學系 111 學年度下學期研究生申請國際學術研究會議補助，補助金額:新台幣 12,600 元及國立成功大學國際事務處「專任教師、博士級研究員及學生出席國際會議補助」，補助金額:新台幣 35,000 元
14. 指導學生張焜棠獲得國科會補助國內研究生出席國際學術會議，補助金額：新台幣 50,000 元
15. 指導學生張芷瑗獲得 112 年度國科會大專學生研究計畫，補助金額：59,264 元
16. 指導學生黃軍元申請到美國南方衛理會大學與達拉斯大學合辦之生物統計

博士學程 Southern Methodist University/University of Texas Southwestern Medical Center Joint Ph.D. program in Biostatistics SMU/UTSW PhD in Biostatistics)

17. 指導博士生蕭坤元獲得 2023 國立成功大學醫學院研究日口頭競賽組佳作。
18. 指導學生鍾瀞慧參加第 63 屆實驗心理學年會，獲得國立成功大學心理學系 111 學年度上學期研究生申請國際學術研究會議，補助金額:新台幣 30,000 元、國立成功大學國際事務處「專任教師、博士級研究員及學生出席國際會議補助」，補助金額:新台幣 55,000 元
19. 指導博士生席拉蓉參加第 63 屆實驗心理學年會，獲得國科會補助國內研究生出席國際學術會議，補助金額：新台幣 50,000 元、國立成功大學心理學系 111 學年度上學期研究生申請國際學術研究會議補助，補助金額:新台幣 30,000 元及國立成功大學國際事務處「專任教師、博士級研究員及學生出席國際會議補助」，補助金額:新台幣 55,000 元
20. 指導學生傅晧倫獲得 2022 台灣運動心理學會年會暨學術研討會口頭發表佳作論文獎
21. 指導博士生鄭民輝、張焜棠獲得 2022 台灣運動心理學會年會暨學術研討會海報發表獲得佳作論文獎
22. 指導博士生鄭民輝獲得 111 年度國立成功大學培育優秀博士獎學金
23. 指導博士生張焜棠獲得國立成功大學 111 年度 Grand Review 博士生暨博士後研究學術競賽博士生傑出獎
24. 指導博士生席拉蓉獲得 111 學年度窮理致知獎學金（秋季班舊生）
25. 指導博士生張焜棠獲得 110 年度國立成功大學培育優秀博士獎學金續領
26. 指導學生傅晧倫獲得 110 年國立成功大學永豐商業銀行獎助學金
27. 指導博士生張焜棠獲得 110 年度國立成功大學培育優秀博士獎學金
28. 指導博士生席拉蓉獲得 110 學年度窮理致知獎學金
29. 指導學生傅晧倫獲得教育部所頒發 2021 奮發向上優秀學生獎
30. 指導學生傅晧倫獲得科技部 110 年度運動科學與人文社會融合學術研討會優秀論文獎

    Fu, H.-L., Wang, C.-H., Yang, C.-T., & Kao, S.-C. (2021, May). Aerobic fitness is associated with acute exhaustive exercise-induced effect on cognitive performance. Poster presented at 2021 Ministry of Science and Technology Conference: Sports Technology and Humanities, Tainan, Taiwan.
31. 老師帶領的學生團隊[Stop!Bus!] 參加 2020 年公路公共運輸規劃競賽，榮獲社會組第二名，獲得獎金 15 萬元
32. 「心世界」作品榮獲成大新創週「明日之星之舉世矚目獎」，獲得獎金 1 萬元
33. 指導學生朱鵬飛獲選 Psychonomic Society 所頒發之 2020 J. Frank Yates Student Conference Award，獲得獎助學金 1000 美元。

34. 指導學生傅晧倫獲得 108 年度科技部大專學生研究創作獎，獲得新台幣 20,000 元。
35. 指導學生黃軍元獲得 2018 Psychonomic Society Graduate Travel Award，獲得獎助學金 1000 美元
    Huang, C.-Y., & Yang, C.-T.* (2018). System Factorial Technology Provides New Insights on Hybrid Search. Poster presented at 59th Psychonomic Society Annual Meeting, New Orleans, USA.
36. 指導學生謝承儒參與第 51 屆數學心理學年會，獲得行政院科技部補助出席國際會議，補助金額：新台幣 48,000 元、國立成功大學研究生出席國際會議補助金額：新台幣 27,000 元
37. Yang, C.-T.*, Hsieh, C.-J., & Fific, M. (2018, July). Are two heads better than one? Systems factorial technology provides new insights on the group decision-making process. Poster presented at 59th Psychonomic Society Annual Meeting, New Orleans, USA.
38. 指導 黃軍元 獲得科技部補助 106 年度大專學生參與專題研究計畫。計畫名稱：「利用系統多因子技術探討複合式搜尋歷程」
39. 指導學生游如淇參與 103 年數學心理學會，獲得學會頒發獎助學金，補助金額：125 美元
40. 指導學生張婷昀參與 103 年數學心理學會，獲得學會頒發獎助學金，補助金額：125 美元
41. 指導學生張婷昀參與 103 年數學心理學會，獲得行政院科技部補助出席國際會議，補助金額：新台幣 50,000 元、教育部頂尖大學補助出席國際會議，補助金額：新台幣 41,250 元
    Chang, T. -Y., & Yang, C.-T. (2014, July). Median thinking style predicts processing capaciy. Poster session presented at the 47th Annual Meeting of the Society for Mathematical Psychology, Canada, Quebec.
42. 指導學生游如淇參與 103 年數學心理學會，獲得教育部頂尖大學補助出席國際會議，補助金額：新台幣 41,250 元
    Yu, J.-C., Chang, T. -Y., & Yang, C.-T. (2014, July). Individual differences in working memory capacity and workload capacity. Paper presented at the 47th Annual Meeting of the Society for Mathematical Psychology, Canada, Quebec.
43. 指導學生游如淇參與 102 年物體、知覺、注意力及記憶會議，獲得行政院國家科學委員會補助出席 國際會議，補助金額：新台幣 45,000 元
    Yu, J.-C., & Yang, C.-T. (2013, November). Salient task-irrelevant features interfere with perception of an attended feature. Poster session presented at the 54th meeting of Object, Perception, Attention, and Memory (OPAM), Toronto, Canada.
44. 指導學生張婷昀參與 102 年物體、知覺、注意力及記憶會議，獲得教育部

頂尖大學補助出席國際會議，補助金額：新台幣 38,500 元

Chang, T. -Y., & Yang, C.-T. (2013, November). Selective attention modulates the effect of contingencies onthe perceptual decision process. Poster session presented at the 54th meeting of Object, Perception, Attention, and Memory (OPAM), Toronto, Canada.

45. 102/05 指導學生陳彥瑋、李幸芳、侯元忠、林孟玹、柯旻伶 101 學年度智慧生活跨領域基礎課程及服務學習課程推廣計畫-「應用創新科技探索智慧空間---以夜市文化為例」成果發表於台南市遠東科技大學「2013 展場導覽與雲端科技(App)學術研討會」。
46. 指導張婷昀獲得行政院國家科學委員會補助 101 學年度大專學生參與專題研究計畫。計畫名稱:「探討相對突顯性如何影響雙重目標偵測作業中的決策歷程」
47. 指導學生許景淳參與 101 年數學心理學會，獲得教育部頂尖大學補助出席國際會議，補助金額：新台幣 27,500 元

    Hsu, C.-C., & Yang, C.-T. (2012, July). Top-down control modulates the effect of exogenous attention on the process of detecting the redundant targets. Paper presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, Ohio.
48. 指導學生 許景淳 參與 101 年數學心理學會，獲得行政院國家科學委員會補助出席國際會議，補助 金額：新台幣 35,000 元

    Hsu, C.-C., & Yang, C.-T. (2012, July). Top-down control modulates the effect of exogenous attention on the process of detecting the redundant targets. Paper presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, Ohio.
49. 所執行的 100 學年度智慧生活跨領域基礎課程及服務學習課程推廣計畫「應用創新科技探索智慧生活－以府城文化為例」被評選為 100 學年度教育部績優課程。
50. 100/10/15 指導學生游如淇參加「100 學年度大學跨學門科學人才培育銜接計畫」校內競賽，榮獲傑出團體獎。
51. 100/11/17 指導學生游如淇參加「100 學年度 e-portfolio 優良作品暨優良種子教師競賽」，榮獲優良種子教師。
52. 100/11/17 指導學生張婷昀參加「100 學年度 e-portfolio 優良作品暨優良種子教師競賽」，榮獲優良種子教師。
53. 指導 游如淇 獲得行政院國家科學委員會補助 100 學年度大專學生參與專題研究計畫。計畫名稱:「探討「由上而下」與「由下而上」的運作對特徵再認歷程的影響」
54. 指導學生 張婷昀 參與 100 年物體、知覺、注意力及記憶會議，獲得教育部頂尖大學補助出席國際會議，補助金額：新台幣 41,250 元

Chang, T. –Y., & Yang, C.-T. (2011, November). The effect of perceptual load on the processing of a distracting schematic face. Poster session presented at the 18th meeting of Object, Perception, Attention, and Memory (OPAM), Seattle, WA.

55. 指導學生 張文乘、潘柔 參加 100 年數理心理學會，獲得教育部補助出席國際會議，補助金額：新台幣 5,600 元

    Chang, W.-S., Wu, Y.-J., &Yang, C.-T. (2011, July). The decision process of detecting changes in first and second-order orientations. Paper presented at the 44th Annual Meeting of the Society for Mathematical Psychology, Boston, MA.

    Pan, J., Tsai, Y.-C., &Yang, C.-T. (2011, July). Revisiting visual-auditory integration in a redundant target detection task. Paper presented at the 44th Annual Meeting of the Society for Mathematical Psychology, Boston, MA.

56. 楊政達老師及指導學生 張文乘、潘柔 參加 100 年數理心理學會，獲得行政院青輔會補助出席國際會議，補助金額：新台幣 10,000 元

    Chang, W.-S., Wu, Y.-J., &Yang, C.-T. (2011, July). The decision process of detecting changes in first and second-order orientations. Paper presented at the 44th Annual Meeting of the Society for Mathematical Psychology, Boston, MA.

    Pan, J., Tsai, Y.-C., &Yang, C.-T. (2011, July). Revisiting visual-auditory integration in a redundant target detection task. Paper presented at the 44th Annual Meeting of the Society for Mathematical Psychology, Boston, MA.

教學

Teaching Experience

Summary:

Graduate level

Required courses:

1. Introduction to Mind Sciences
2. Cognitive Science
3. Experimental Design (SAS programming)
4. Clinical study design
5. Seminar in Psychology
6. Integrated health sciences seminar

Selected courses:

1. Attention, memory, and decision
2. Mathematical methods in psychology (R programming)
3. Cognitive neuroscience and modeling
4. Bayesian data analysis in psychology
5. Stochastic models in psychology
6. Seminar on mathematical methods in psychology
7. Seminar in physical exercise and cognitive neuroscience
8. Seminar on attention and memory
9. Drama Therapy

Undergraduate level

Required courses:

1. Introduction to Psychology
2. Cognitive psychology
3. Introduction to statistics
4. Statistics and data analysis
5. Data analysis and lab (SAS programming)

Selected courses:

1. General Education Forum: Navigating College
2. Psychology
3. Vision and human factors
4. User experience in theatre
5. Cognitive, technology, and design
6. The analysis and practical applications of the user experience of smartphone addicts

7. Applying innovative technology to exploring intelligent living –Take Tainan culture as an example
8. Introduction to research methods in trans-disciplinary fields

Courses details by year(授課資料表)

2026.2-2026.7	PSYCHOLOGY AND HEALTHY LIVING 1142_心理學與健康生活 INTRODUCTION TO PSYCHOLOGY(2) 1142_心理學概論（二） SEMINAR (2) 1142_專題研究（二） TEACHING PRACTICUM(2) 1142_教學實習（二） TAIWAN FESTIVAL IN JAPAN- PSYCHOLOGY X TECHNOLOGY X CULTURE INOVATION 1142_夏日台灣祭在日本－心理 X 科技 X 文化創新 INDEPENDENT STUDY 1142_獨立研究 ATTENTION,MEMORY AND DECISION 1142_注意力、記憶與決策
2025.8-2026.1	PSYCHOLOGY AND HEALTHY LIVING 1141_心理學與健康生活 CHANGEMAKERS ON CAMPUS: UNIVERSITY SOCIAL RESPONSIBILITY IN ACTION 1141_社會創新的校園行動者：大學社會責任實踐面面觀 SEMINAR (1) 1141_專題研究（一） GREEN LIVING FOR THE SUPER-AGED SOCIETY 1141_超高齡社會下的綠色生活 TEACHING PRACTICUM(1) 1141_教學實習(一) INDEPENDENT STUDY 1141_獨立研究 EXPERIMENTAL DESIGN 1141_實驗設計 EXPERIENCING TRADITIONAL CHINESE OPERA: A PSYCHOLOGICAL APPROACH TO APPRECIATION AND PERFORMANCE 1141_心理學視角下的傳統戲曲—賞析與演示 INTERACTIVE EXPERTS: INTERDISCIPLINARY COLLABORATION AND SOCIAL INNOVATION PRACTICE 1141_互動型專家：跨域協作與社會創新實踐
2025.2- 2025.7	INTRODUCTION TO PSYCHOLOGY(2) 1132_心理學概論（二） SEMINAR (2) 1132_專題研究（二）

	SEMINAR IN PSYCHOLOGY(2) 1132_心理科學議題（二）
	TEACHING PRACTICUM(2) 1132_教學實習（二）
	SEMINAR IN PSYCHOLOGY(4) 1132_心理科學議題（四）
	SEMINAR ON ATTENTION AND MEMORY(1) 1132_注意力與記憶
	SEMINAR (1) 1132_專題研究（一）
2024.8-2025.1	SEMINAR (1) 1131_專題研究（二）
	TEACHING PRACTICUM (1)1131_教學實習（一）
	INDEPENDENT STUDY 1131_獨立研究
	EXPERIMENTAL DESIGN 1131_實驗設計
2024.2- 2024.7	TEACHING PRACTICUM(2) 1122_教學實習（二）
	MATHEMATICAL MODELS IN PSYCHOLOGY 1122_心理學數理方法
	INDEPENDENT STUDY 1122_獨立研究
2023.8-2024.1	TEACHING PRACTICUM (1)1121_教學實習（一）
	EXPERIMENTAL DESIGN 1121_實驗設計
2023.2-2023.7	SEMINAR (2) 1112_專題研究（二）
	INTEGRATED HEALTH SCIENCES SEMINAR(2) 1112_健康照護專題討論（二）
	INDEPENDENT STUDY(4) 1112_獨立研究（四）
	INTEGRATED HEALTH SCIENCES SEMINAR(4) 1112_健康照護專題討論（四）
	TEACHING PRACTICUM(2) 1112_教學實習（二）
	ACADEMIC WRITING 1112_論文寫作
2022.8-2023.1	INTEGRATED HEALTH SCIENCES SEMINAR(1) 1111_健康照護專題討論（一）
	INDEPENDENT STUDY(3) 1111_獨立研究（三）
	INTEGRATED HEALTH SCIENCES SEMINAR(3) 1111_健康照護專題討論（三）
	TEACHING PRACTICUM (1)1111_教學實習（一）
	EXPERIMENTAL DESIGN 1111_實驗設計
2022.2-2022.7	SEMINAR IN SPECIAL TOPIC(4) 1102_專題討論（四）
	TEACHING PRACTICUM(2) 1102_教學實習（二）
	MATHEMATICAL MODELS IN PSYCHOLOGY 1102_心理學數理方法
	SEMINAR (2) 1102_專題研究（二）
	INDEPENDENT STUDY(4) 1102_獨立研究（四）

	INTEGRATED HEALTH SCIENCES SEMINAR(4) 1102_健康照護專題討論（四）
2021.8-2022.1	INDEPENDENT STUDY(3) 1101_獨立研究（三）
	INDEPENDENT STUDY(1) 1101_獨立研究（一）
	INTEGRATED HEALTH SCIENCES SEMINAR(3) 1101_健康照護專題討論（三）
	INTEGRATED HEALTH SCIENCES SEMINAR(1) 1101_健康照護專題討論（一）
	TEACHING PRACTICUM (1)1101_教學實習（一）
	EXPERIMENTAL DESIGN 1101_實驗設計
2021.2-2021.7	PROJECT BASED LEARNING OF INTERDISCIPLINARY START-UP BUSINESS 1092_跨領域 Teamup 應用專題
	TEACHING PRACTICUM (2) 1092_教學實習（二）
	SEMINAR IN PSYCHOLOGY(4) 1092_心理科學議題（四）
	SEMINAR (2) 1092_專題研究（二）
	PHYSICAL EXERCISE AND COGNITIVE NEUROSCIENCE 1092_健身運動與認知神經科學
	PSYCHOLOGY 1092_心理學
2020.8-2021.1	INTEGRATED HEALTH SCIENCES SEMINAR(1) 1091_健康照護專題討論（一）
	DRAMA THERAPY 1091_戲劇治療
	ACADEMIC WRITING 1091_論文寫作
	SEMINAR IN SPECIAL TOPIC(1) 1091_專題討論（一）
	INTRODUCTION TO MIND SCIENCES 1091_心智科學導論
	TEACHING PRACTICUM(1) 1091_教學實習（一）
	SEMINAR ON ATTENTION AND MEMORY(2) 1091_注意力與記憶專題研究（二）
	EXPERIMENTAL DESIGN 1091_實驗設計
	SEMINAR (1) 1091_專題研究（一）
	INTRODUCTION TO PSYCHOLOGY(1) 1091_心理學概論（一）
	PSYCHOLOGY 1091_心理學
2020.2-2020.7	TEACHING PRACTICUM(2) 1082_教學實習（二）
	SEMINAR ON ATTENTION AND MEMORY(1) 1082_注意力與記憶專題研究（一）
	TAIWAN FESTIVAL IN JAPAN- PSYCHOLOGY X TECHNOLOGY X CULTURE INOVATION 1082_夏日台灣祭在日本—心理 X 科技 X 文化創新

	SEMINAR (2) 1082_專題研究（二）
	SERVICE STUDY(2) 1082_服務學習（二）
	DESIGN INTEGRATION RESEARCH 1082_設計整合研究
	CLINICAL STUDY DESIGN(II) 1082_臨床研究設計（二）
	PSYCHOLOGY 1082_心理學
2019.8-2020.1	DRAMA THERAPY 1081_戲劇治療
	AUGMENTED REALITY，VIRTUAL REALITY，AND INTERACTIVE SENSOR TECHNOLOGY 1081_AR/VR 與體感互動系統開發
	TEACHING PRACTICUM(1) 1081_教學實習（一）
	MATHEMATICAL MODELS IN PSYCHOLOGY 1081_心理學數理方法
	EXPERIMENTAL DESIGN 1081_實驗設計
	SEMINAR (1) 1081_專題研究（一）
	INTRODUCTION TO PSYCHOLOGY(1) 1081_心理學概論（一）
	PSYCHOLOGY 1081_心理學
	GENERAL EDUCATION FORUM-NAVIGATING COLLEGE 1081_通識專題講座-大學導航
2019.2-2019.7	TAIWAN FESTIVAL IN JAPAN- PSYCHOLOGY X TECHNOLOGY X CULTURE INOVATION 1072_夏日台灣祭在日本－心理 X 科技 X 文化創新
	SEMINAR (2) 1072_專題研究（二）
	INTEGRATED HEALTH SCIENCES SEMINAR(2)　1072_健康照護專題討論（二）
	INTEGRATED HEALTH SCIENCES SEMINAR(4)　1072_健康照護專題討論（四）
	SEMINAR (2) 1072_專題研究（二）
	CLINICAL STUDY DESIGN(II) 1072_臨床研究設計（二）
	SEMINAR1072_專題討論
	PHYSICAL EXERCISE AND COGNITIVE NEUROSCIENCE 1072_健身運動與認知神經科學
	TEACHING PRACTICUM(2) 1072_教學實習（二）
	SEMINAR ON MATHEMATICAL METHODS IN PSYCHOLOGY 1072_心理數理學專題研究
	SEMINAR IN SPECIAL TOPIC(2) 1072_專題討論（二）
2018.8-2019.1	INTRODUCTION TO PSYCHOLOGY(1) 1071_心理學概論（一）

	SEMINAR (1)1071_專題研究（一）
	USER EXPERIENCE IN THEATRE 1071_體驗劇場
	DRAMA THERAPY 1071_戲劇治療
	SEMINAR IN PSYCHOLOGY(1) 1071_心理科學議題（一）
	SEMINAR IN PSYCHOLOGY(3) 1071_心理科學議題（三）
	TEACHING PRACTICUM(1) 1071_教學實習（一）
	EXPERIMENTAL DESIGN 1071_實驗設計
	INTRODUCTION TO MIND SCIENCES 1071_心智科學導論
2018.2-2018.7	SEMINAR (2) 1062_專題研究（二）
	INTEGRATED HEALTH SCIENCES SEMINAR(2) 1062_健康照護專題討論（二）
	INTEGRATED HEALTH SCIENCES SEMINAR(4) 1062_健康照護專題討論（四）
	SEMINAR 1062_專題討論
	TEACHING PRACTICUM(2) 1062_教學實習（二）
	SEMINAR(1) 1062_專題討論
	ATTENTION,MEMORY AND DECISION 1062_注意力、記憶與決策
2017.8-2018.1	INTRODUCTION TO PSYCHOLOGY(1) 1061_心理學概論（一）
	SEMINAR (1) 1061_專題研究（一）
	USER EXPERIENCE IN THEATRE 1061_體驗劇場
	DRAMA THERAPY 1061_戲劇治療
	SEMINAR IN PSYCHOLOGY(1) 1061_心理科學議題（一）
	SEMINAR IN PSYCHOLOGY(3) 1061_心理科學議題（三）
	TEACHING PRACTICUM(1) 1061_教學實習（一）
	EXPERIMENTAL DESIGN 1061_實驗設計
	INTRODUCTION TO MIND SCIENCES 1061_心智科學導論
	SEMINAR IN SPECIAL TOPIC(1) 1061_專題討論（一）
2017.2-2017.7	SEMINAR (2) 1052_專題研究（二）
	USER EXPERIENCE IN THEATRE 1052_體驗劇場
	SEMINAR IN PHYSICAL EXERCISE AND COGNITIVE NEUROSCIENCE 1052_健身運動與認知神經科學專題研究
	TEACHING PRACTICUM(2) 1052_教學實習（二）
	SEMINAR(1) 1052_專題討論
2016.8-2017.1	INTRODUCTION TO PSYCHOLOGY(1) 1051_心理學概論（一）
	SEMINAR (1) 1051_專題研究（一）

	USER EXPERIENCE IN THEATRE 1051_體驗劇場
	TEACHING PRACTICUM(1)1051_教學實習（一）
	SEMINAR(1) 1051_專題討論
	EXPERIMENTAL DESIGN 1051_實驗設計
2016.2-2016.7	SEMINAR (2) 1042_專題研究（二）
	USER EXPERIENCE IN THEATRE 1042_體驗劇場
	CLINICAL STUDY DESIGN(II) 1042_臨床研究設計（二）
	TEACHING PRACTICUM(2) 1042_教學實習（二）
	SEMINAR(2) 1042_專題討論
2015.8-2016.1	INTRODUCTION TO PSYCHOLOGY(1) 1041_心理學概論（一）
	SEMINAR (1) 1041_專題研究（一）
	COGNITION,TECHNOLOGY,AND DESIGN 1041_認知、科技與設計
	TEACHING PRACTICUM(1) 1041_教學實習（一）
	SEMINAR(1) 1041_專題討論
	EXPERIMENTAL DESIGN 1041_實驗設計
	MATHEMATICAL MODELS IN PSYCHOLOGY 1041_心理學數理方法
2015.2-2015.7	PERSONALITY PSYCHOLOGY 1032_性格心理學
	SEMINAR (2) 1032_專題研究（二）
	TEACHING PRACTICUM(2) 1032_教學實習（二）
	SEMINAR(2) 1032_專題討論
	SEMINAR ON ATTENTION AND MEMORY(2) 1032_注意力與記憶專題研究（二）
2014.8-2015.1	INTRODUCTION TO PSYCHOLOGY(1) 1031_心理學概論（一）
	SERVICE STUDY(1) 1031_服務學習（一）
	SEMINAR (1) 1031_專題研究（一）
	INTEGRATED HEALTH SCIENCES SEMINAR(3) 1031_健康照護專題討論（三）
	SEMINAR(1) 1031_專題討論
	EXPERIMENTAL DESIGN 1031_實驗設計
	COGNITIVE NEUROSCIENCE AND MODELING(1) 1031_認知神經科學與認知模擬（一）
	SEMINAR ON ATTENTION AND MEMORY(1) 1031_注意力與記憶專題研究（一）
	TEACHING PRACTICUM(1) 1031_教學實習（一）

2014.2-2014.7	COGNITIVE PSYCHOLOGY 1022_認知心理學 SEMINAR (2) 1022_專題研究（二） TEACHING PRACTICUM(2) 1022_教學實習（二） SEMINAR(2) 1022_專題討論 SEMINAR ON ATTENTION AND MEMORY 1022_注意力與記憶專題研究 COGNITIVE NEUROSCIENCE AND MODELING 1022_認知神經科學與認知模擬
2013.8-2014.1	INTRODUCTION TO PSYCHOLOGY(1) 1021_心理學概論（一） APPLYING INNOVATIVE TECHNOLOGY TO EXPLORING INTELLIGENT LIVING –TAKE TAINAN CULTURE AS AN EXAMPLE 1021_應用創新科技探索智慧生活－以府城文化為例 SEMINAR (1) 1021_專題研究（一） SEMINAR(1) 1021_專題討論 COGNITIVE SCIENCE 1021_認知科學 TEACHING PRACTICUM(1) 1021_教學實習（一） ATTENTION,MEMORY AND DECISION 1021_注意力、記憶與決策 SEMINAR ON MATHEMATICAL METHODS IN PSYCHOLOGY 1021_心理數理學專題研究
2013.2-2013.7	STATISTICS AND DATA ANALYSIS (11) 1012_統計學與資料分析（二） SEMINAR (2) 1012_專題研究（二） VISUAL AND HUMAN FACTORS 1012_視覺與人因設計 THE ANALYSIS AND PRACTICAL APPLICATIONS OF THE USER EXPERIENCE OF SMARTPHOME ADDICTS (2) 1012_低頭族的使用者體驗分析與實務（二） INTRODUCTION TO RESEARCH METHODS IN TRANS-DISCIPLINARY 跨科際方法學導論 TEACHING PRACTICUM (2) 1012_教學實習（二） SEMINAR 1012__專題討論
2012.8-2013.1	STATISTICS AND DATA ANALYSIS (1) 1011_統計學與資料分析（一） SEMINAR (1) 1011_專題研究（一）

	THE ANALYSIS AND PRACTICAL APPLICATIONS OF THE USER EXPERIENCE OF SMARTPHOME ADDICTS 1011_低頭族的使用者體驗分析與實務（一）
	APPLYING INNOVATIVE TECHNOLOGY TO EXPLORING SMART LIVING –TAKE TAINAN NIGHT MARKET AS AN EXAMPLE 1011_創新科技探索智慧空間－以夜市文化為例
	ADVANCED PSYCHOLOGICAL ASSESSMENT -NEURO PSYCHOLOGICAL APPROACH 1011_高等臨床心理衡鑑－以神經心理學走向為例
	COGNITION,TECHNOLOGY,AND DESIGN 1011_認知、科技與設計
	SEMINAR 1011_專題討論
	COLLOQUIUM IN COGNITIVE SCIENCE (1) 1011_認知科學議題研討（一）
	COGNITIVE SCIENCE 1011_認知科學
	TEACHING PRACTICUM（一） 1011_教學實習 (I)
	COLLOQUIUM IN COGNITIVE SCIENCE (3) 1011_認知科學議題研討（三）
	REACTION TIME 1011_反應時間
2012.2-2012.7	STATISTICS AND DATA ANALYSIS (2) 1002_統計學與資料分析（二）
	SEMINAR (2) 1002_專題研究（二）
	APPLYING INNOVATIVE TECHNOLOGY TO EXPLORING INTELLIGENT LIVING –TAKE TAINAN CULTURE AS AN EXAMPLE 1002_應用創新科技探索智慧生活－以府城文化為例
	TEACHING PRACTICUM (2) 1002_教學實習（二）
	SEMINAR 1002_專題討論
	ATTENTION,MEMORY AND DECISION 1002_注意力、記憶與決策
2011.8-2012.1	STATISTICS AND DATA ANALYSIS (1) 1001_統計學與資料分析（一）
	SEMINAR (1) 1001_專題研究（一）
	SEMINAR 1001_專題討論
	MATHEMATICAL MODELS IN PSYCHOLOGY 1001_心理學數理方法
	TEACHING PRACTICUM (1) 1001_教學實習（一）
2011.2-2011.7	992_資料分析與習作

	SEMINAR (2) 992_專題研究（二）
	TEACHING PRACTICUM (11) 992_教學實習（二）
	SEMINAR 992_專題討論
	PSYCHOPHYSICS AND SIGNAL DETECTION THEORY 992_心理物理學與信號偵測
2010.8-2011.1	991_統計學概論
	SEMINAR (1) 991_專題研究（一）
	SEMINAR 991_專題討論
	COGNITIVE SCIENCE 991_認知科學
	STOCHASTIC MODELS IN PSYCHOLOGY 991_隨機過程在心理學的應用
	SEMINAR ON ATTENTION AND MEMORY 991_注意力與記憶專題研究
2010.2-2010.7	982_資料分析與習作
	SEMINAR 982_專題討論
	MATHEMATICAL MODELS IN PSYCHOLOGY 982_心理學數理方法
	SEMINAR ON MATHEMATICAL MODELS IN PSYCHOLOGY 982_心理數理學專題研究
2009.8-2010.1	INTRODUCTION TO STATISTICS 981_統計學概論
	SEMINAR IN ATTENTION, MEMORY, AND DECISION 981_注意力、記憶與決策
2008.2-2009.1	SEMINAR IN ATTENTION AND MEMORY
2007.2-2007-7	TEACHING ASSISTANT FOR GENERAL PSYCHOLOGY
2007.9-2008.1	TEACHING ASSISTANT FOR EXPERIMENTAL PSYCHOLOGY
2006.9-2007.1	TEACHING ASSISTANT FOR EXPERIMENTAL DESIGN
2004.9-2006.7	TEACHING ASSISTANT FOR STATISTICS IN PSYCHOLOGY AND EDUCATION (SAS PROGRAMMING)

Other Experience

2008.9 - present	work with Dr. M.-C. Chiu, Department of Neurology, National Taiwan University Hospital, on project of aging
2008.2 - 2008.7	work with Dr. S.-K. Cheng, Institute of Cognitive Neuroscience, National Central University, on research of event-related potential

服務

系內服務

項目	起迄年月	工作性質
114 學年度體育健康與休閒研究所 學生-莊富伍、李立翔 、鄭紹濱 碩士學位論文計畫書審查	114/12/26	審查委員
113 學年度心理系學生-謝玉慈碩士學位口試	113/07/30	口試委員
112 學年度心理系學生-鍾瀞慧碩士學位口試	113/01/18	口試委員
112 學年度心理系學生-陳恩和碩士學位口試	112/11/23	口試委員
110 學年度心理系學生-傅晧倫碩士學位口試	111/01	口試委員
109 學年度心理學系系務會議	109/08/01~110/07/31	委員
109 學年度心理系「招生委員會」	109/08/01~110/07/31	委員
109 學年度心理系「圖儀委員會」	109/08/01~111/07/31	委員
108 學年度心理學系系務會議	108/08/01~109/07/31	委員
108 學年度心理系「招生委員會」	108/08/01~109/07/31	委員
108 學年度心理系「系教評委員會」	108/08/01~109/07/31	委員

108 學年度「心智科學原理與應用」國際博士學位學程委員會	108/08/01~109/07/31	委員
108 學年度心理系「圖儀委員會」	107/08/01~108/7/31	委員
108 學年度心理系「受試庫輪值」	107/02/01~109/07/31	委員
107 學年度心理系「圖儀委員會」	107/08/01~108/07/31	委員
107 學年度心理系「受試庫輪值」	107/08/01~108/07/31	委員
106 學年度心理系學生-林佩誼碩士學位口試	107/07	口試委員
106 學年度心理系「招生委員會」	106/08/01~107/07/31	委員
106 學年度心理系「空間委員會」	106/8/1~107/7/31	委員
106 學年度心理系「受試庫輪值」	106/08/01~107/07/31	審查委員
106 107 學年度「心智科學原理與應用」國際博士學位學程委員會	106/08/01~108/07/31	委員
106 學年度心理學系空間委員會	106/08/01~107/07/31	委員
105 學年度心理系「招生委員會」	105/08/01~106/07/31	委員
105 學年度心理系「空間委員會」	105/08/01~106/07/31	委員
105 學年度心理系「系教評委員會」	105/08/01~106/07/31	委員
105 學年度心理系「受試庫輪值」	105/08/01~106/07/31	審查委員
105 年度獎學金之評審委員	105/07	評審委員
105 學年度研究所學生-林昱齊碩士學位口試	105/11	口試委員
104 學年度研究所學生-尚林霖碩士學位口試	105/07	口試委員
105 學年度研究生招生委員會「方法學」	104/02	閱卷委員
舉辦國際學術研討會-貝氏檢定對於逐次抽樣模型分析法研討會	104/11/14~104/11/15	副主席
104 學年度心理系「招生委員會」	103/08~105/07	委員
104 學年度心理系「圖儀委員會」	103/08~105/07	委員
104 學年度心理系「空間委員會」	103/08~105/07	委員
104 學年度心理系「系教評委員會」	103/08~104/07	委員
103 學年度研究所學生-鄭凱駿碩士學位口試	104/07	口試委員

103 學年度研究生招生委員會「方法學」	104/02	閱卷委員
103 學年度心理系「招生委員會」	103/08~105/07	委員
103 學年度心理系「圖儀委員會」	103/08~105/07	委員
103 學年度心理系「空間委員會」	103/08~105/07	委員
103 學年度心理系「系教評委員會」	103/08~104/07	委員
103 學年度碩士班推甄面試	103/08~104/07	委員
102 學年度研究所學生-張婷昀碩士學位口試	103/06	口試委員
102 學年度研究所學生-游如淇碩士學位口試	103/06	口試委員
102 學年度心理系認知科學碩士班新生入學考試「統計學」	102/02	閱卷委員
102 學年度碩士班新生入學考試「方法學」	102/01	閱卷委員
102 學年度心理系「招生委員會」	101/08~102/07	委員
102 學年度心理系「圖儀委員會」	101/08~103/07	委員
102 學年度心理系「空間委員會」	101/08~103/07	委員
102 學年度心理系「學生申訴評議委員會」	101/08~102/07	委員
102 學年度心理系碩士班推甄面試	102/08~103/07	委員
101 學年度心理系「招生委員會」	101/08~102/07	委員
101 學年度心理系「圖儀委員會」	101/08~103/07	委員
101 學年度心理系「空間委員會」	101/08~103/07	委員
101 學年度心理系「受試庫輪值」審查	101/09~103/01	審查委員

校內服務

項　目	起迄年月	工作性質
國立成功大學人文社會科學中心諮議委員會	114/11/28-117/07/31	委員
114 年教學發展中心教師教學發展社全實施規劃成果分享會委員	114/11/10	委員
114 學年度成功廳演藝活動審查委員會	114/09/08-115/07/31	委員
114 學年度特殊教育推行委員會		委員
國立成功大學人文社會科學中心審議委員會	114/08/01-116/07/31	召集人
國立成功大學人類研究倫理審查委員會	114/01/01-115/12/31	書面審查專家
113 學年度健康照護科學研究所學生-蕭坤元博士學位口試	114/07/08	口試委員
113 學年度永續校園規劃及運用委員會	113/09/09-114/07/31	委員
113 學年度成功廳演藝活動審查委員會	113/09/03-114/07/31	委員
113 學年度特殊教育推行委員會		委員
113 學年度服務學習課程推動小組	113/09/01-115/07/31	委員
111 學年度體育健康與休閒研究所學生-王俊傑碩士學位口試	112/06/12	口試委員
112 成大管理學院教學特優教師教材		審查委員
108~109 學年度研究倫理審查委員會	112/01/01~113/12/31	書審委員
110 學年度體育健康與休閒研究所學生鄭民輝碩士學位口試	111/08/05	口試委員
110 學年度體育健康與休閒研究所學生張嘉恩碩士學位口試	111/07/22	口試委員

國立成功大學111 年跨領域學分學程評鑑作業-新聞傳播學分學程	111/02	評鑑委員
109 學年度文學院教學特優教師遴選委員會審查	110/5/10~110/06/10	遴選委員
110 學年度委員校級國際處學院代表	110/05/01~110/12/31	甄審委員
110 學年度碩士班新生入學方法學閱卷委員	110/02/04~110/2/7	閱卷委員
109 學年度建築系研究所學生陳亦炤碩士學位口試	109/12/29	口試委員
109 學年度永續校園規畫及運用委員會	109/09/01~110/08/31	委員
109 學年度社科院教師評審委員會	109/08/01~111/07/31	院教評委員
109 學年「非屬學院」院教評會	109/08/01~111/07/31	教評會委員
成大出版社出版委員會	109/09/16~111/09/15	出版委員
109 學年度永續校園規劃及運用委員會	109/09/01~110/08/31	委員
「學生跨國雙向研修獎助學 金」、「專任教師、博士級研究 員及學生出席國際會議補助」、「博士生世界徜徉計畫」	109/08	審查委員
108 學年度文學院「教學特優教師遴選」	109/05	遴選委員
參與大學創新與社會責任特優教 師遴選委員會	109/04	委員
109 學年度健康照護研究所學生事務會議	109/02/01~109/07/31	委員

109 學年度健康照護研究所課程委員會	109/02/01~109/07/31	委員
藝術所教師評審委員會	109/02/01~109/07/31	委員
108 學年度社科院務會議	108/08/01~109/07/31	委員
108 學年度社科院教師評審委員會	108/08/01~109/07/31	委員
108 學年度健康照護研究所教師 評審委員會	108/08/01~109/07/31	委員
108 學年度健康照護研究所學生事務委員會	108/08/01~109/07/31	委員
108 學年度圖儀小組	108/08/01~109/07/31	委員
108 學年度性平會委員	108/08/01~109/07/31	委員
文學院教學特優教師遴選委員會	108/05	委員
107 108 學年度環境保護暨安全衛生委員會	108/02~110/01	委員
108~109 學年度研究倫理審查委員會	108/01/01~109/12/31	書審委員
107 學年度社科院教師評審委員會	107/07/01~108/08/31	委員
社會科學院務發展委員會暨空間規劃小組	107/07/01~108/08/31	委員
社會科學院辦理 科技部延攬新進優秀人才院審委員會	107/07/01~108/08/31	委員
107 學年度社科院務會議心理系代表	107/07/01~108/08/31	委員
107 學年度健康照護研究所教師評審委員會	107/08/01~108/07/31	評審委員
107 學年度健康照護研究所課程委員會	107/08/01~108/07/31	委員

107 學年度健康照護研究所學生事務委員會	107/08/01~108/07/31	委員
107 年度快活-心理健康學習平台系統維運壹式採購評審會議	107/07/11	評審委員
106 學年度體育健康與休閒研究所學生林睿棠碩士學位口試	107/06/25	口試委員
106 學年度體育健康與休閒研究所學生林芷均碩士學位口試	107/06/25	口試委員
106 學年度國立成功大學文學院教學特優教師遴選委員會	107/06/14	遴選委員
106 學年度資訊工程管理系研究所學生-陳梦藍碩士學位口試	107/05/25	口試委員
106 學年度資訊工程管理系研究所學生-林葳碩士學位口試	107/05/25	口試委員
國立成功大學文學院「教學傑出獎」及「教學優良獎」之獲獎教師遴選委員會	107/05	委員
106 學年度特殊教育推行委員會	106/10	委員
106 學年度環境保護暨安全衛生委員會	106/02~108/01	委員
105 學年度研究倫理審查委員會	106/01~107/12	書審委員
105 學年度國立成功大學「學生跨國雙向研修獎助學金暨交換生 資格審查」、「專任教師、博士 級研究員及學生出席國際會議補助」、「舉辦重要國際會議及兩 岸四地會議補助」等審查案	106/01	審查委員
105 學年度資訊工程學系研究所學生-林睿棠碩士學位口試	106/01	口試委員
105 學年度特殊教育推行委員會	105/10	委員
105 學年度資訊工程學系研究所學生-陳彥霖碩士學位口試	105/07	口試委員
105 學年度醫學資訊研究所學生-李哲儒、許耀峯碩士學位口試	105/05	口試委員
105 學年度環境保護暨安全衛生委員會	104/02~106/01	委員

104 學年度特殊教育推行委員會	104/11	委員
104 學年度國立成功大學「專任 教師、博士級研究員及學生出席 國際會議補助」、「跨國雙向研 修獎助學金補助」、「舉辦重要國際會議」	104/09	審查委員
104 學年度研究倫理審查委員會	104/01~105/12	書審委員
心理健康資源服務及多元學習平 台建置科研採購案審查小組	104/08	審查委員
103 學年度醫學資訊研究所學生-王真儀碩士學位口試	104/07	口試委員
104 學年度環境保護暨安全衛生委員會	104/02~106/01	委員
103 學年度研究倫理審查委員會	104/01~105/12	書審委員
103 學年度第一學期外國交換學生入學審查會議	103/12	審查委員
103 學年度特殊教育推行委員會	103/10	委員
社科院院務會議心理系代表	103/08~106/08	委員
社科院「大學部輔導優良導師遴選」委員會	103/08~105/07	委員
102 學年度學生申訴評議委員會	102/08~103/07	委員
102 學年度身心障礙學生輔導委員會	102/06	輔導委員
101 學年度研究倫理審查委員會	101/08~103/07	書審委員
101 學年度學生宿舍服務暨輔導委員會	101/08~103/07	輔導委員

校外服務(限學術性)

項目	起訖年月	工作性質
中華心理學刊	115/1/1~	主編
國立清華大學教育心理與諮商學系吳希彥博士班研究生論文計畫考試	114/12/17	口試委員
國立中央大學 生醫理工學院	114-115	評鑑委員
國立中央大學 生醫理工學院	115/04/14	評鑑委員

「認知神經科學研究所、跨領域神經科學博士學位學程（台聯大系統）(INS-UST)與跨領域神經科學國際研究生博士學位學程(INS-TIGP)共同評鑑」實地訪評		
陽明交通大學「7T 磁振造影掃描儀」採購案	114	評選委員
中正大學通識教育課程	114	審查委員
國科會傑出研究獎	114	審查委員
中山大學教師新聘案	114	審查委員
玉山學者審查	114	審查委員
大專校院人文與社會科學領域標竿計畫	114	委員
中山醫學大學教師升等案	114	審查委員
陽明交通大學校務自我評鑑	114	訪評委員
日本理論心理学会編集委員会	113	委員
臺灣大學心理學系 113 教師評鑑會議	113	委員
國立臺灣師範大學教育學院教師升等審查	113	外部審查委員
112 年度國立清華大學竹師教育學院教師初聘	112	外部審查委員
112 年度玉山（青年）學者計畫書面審查委員	112	審查委員
112 年運動發展基金補助運動科學支援競技運動計畫	112	審查委員
中山醫學大學教師升等案	112/06	審查委員
臺北醫學大學人文暨社會科學院教師評審委員會	110/08/01~112/07/31	當然委員
教育部玉山學者計畫【理學】領域	112	書面審查委員
中華心理學刊	112	協同主編

教育部112 年留學獎學金	112	審查委員
國科會專題計畫	112	審查委員
國科會大專學生研究創作獎	112	審查委員
Virtual Reality	112	審查委員
教育部大專校院人文與社會 科學領域標竿計畫	110.111.112	審查委員
中國醫藥大學教師升等案	112/03/17	審查委員
國立臺北護理健康大學教師升等案	112	審查委員
國立中正大學教師升等案	112	審查委員
臺灣心理學會	111/12/09~113/12/08	常務理事
蘇薌雨教授獎學金管理委員會	112/01/01~113/12/31	委員
臺北醫學大學2022 第六屆全球生醫健康企業家班	111/11/11	授課教授
2023 ICBASS (International conference on business and social science)	111/11	執行委員
科技部心理學成果發表研討會	111/06/25~111/06/26	主持人
輔仁大學心理學系新聘兼任講師審查	111/09/20	審查委員
Configural Processing Consortium (CPC)	111	委員
國科會傑出研究獎	111	審查委員
中華體育季刊	111/08	評閱委員
Frontiers in Cognition	111/06	Review Editor
Symmetry in Human Perception and Cognition	111/02	guest editor
2021 年競技運動訓練學術研討會	110/10	專家學者
110 年度蘇薌雨教授心理學學位論文獎	110	審核委員

Springer Nature 書籍審查 (Dr.Kazuhisa Takemura- “Mathematical Social Psychology: An introduction and its	110/07	審查委員
中華心理學刊青年學者獎	110/07	評審委員
中華體育季刊	110/01/14	評閱委員
臺大心理系博士生資格考論文審查	109/09/23	審查委員
中華心理學刊	109/09/21	審稿委員
2020 台綜大系統新進教師專業知能研習營	109/09/04	研究經驗分享與談人
British Journal of Educational Technology	109/03	審稿委員
中國醫藥大學生物醫學研究所教師升等審查案	109/03	審查委員
香港中文大學YIP, Long Yin 哲學心理學碩士學位論文	109/07	外部審查委員
109 年度國立師範大學大項儀器設備經費申請案	109/2/10	審查委員
TAICHI 2019「第五屆人機互動研討	108/07/22	議程委員
Vision Research	108	審稿委員
交通大學傳播研究所教師升等案	108/06/26	外審委員
科技部人文社會科學研究中心學術期刊數位傳播申請案	108/06/12	審查委員
國立清華大學資訊工程學系楊馥名碩士學位論文口試	108/06/12	口試委員
中華心智圖協會	108/01/27~110/01/26	榮譽顧問
Graduate Travel Awards for Psychonomic Society’ s 60 the	108	審查委員
科技部人社中心心理學門期刊評比收	108	審查委員
國立台南護理專科學校講師資格審查	108/01/29	審查委員

社團法人臺灣記憶運動協會	108/01/27~110/01/26	榮譽顧問
國立中正大學心理學系向端平博士學位論文口試	108/01/21	口試委員
台灣心理學會	108/01/01~110/12/31	理事
考選部專門職業及技術人員高等考試臨床心理師考試臨 床心理學基礎題庫	107/10	命審委員
佛光大學教師升等案	107/09	審查委員
中正大學傑出研究獎審查	107/09	審查委員
佛光大學教師升等案	107/08	審查委員
科技部人文社會科學研究中心「學術期刊數位傳播」申請案	107/06	審查委員
Signal and Information Processing	107/05	編輯委員
Insight - Automatic Control	107/04	編輯委員
The Quantitative Methods for Psychology	107/03~present	Associate editor
國立台灣師範大學教育學院人類發展家學系教師升等案	107/03	審查委員
中華心理學刊	107/02	審稿委員
高雄醫學大學護理學系楊育仁碩士學位論文口試	106/07	論文口試委員
國立台灣大學林思宏同學博 士學位論文口試	106/06	論文口試委員
2017 ICCS（國際認知研討會）	106/03	審稿委員
2017 APCV（亞太視覺研討會）	106/07	審稿委員
2017 Tai-CHI（人機互動研討會）	106/8	審稿委員
科技部延攬人才及兩岸交流線上審查、補助國內研究生 出席國際會議、專題研究計 畫線上審查、人才培育研究 計畫(博士後甲類)	106	審查委員
台灣心理學年會	106/01/01~107/12/31	理事
105 年度台灣心理學年會	105/10	副召集人

TAICHI 2016(Taiwan Computer-Human Interaction Workshop)（人機互動研討會）	105/08	審稿委員
2016 第二屆臺灣記憶運動錦標賽南區賽	105/09/10	主辦人
Attention Perception & Psychophysics	105/10	期刊審查委員
社團法人臺灣記憶運動協會	105/07	榮譽顧問
國立台灣大學104 學年度研究所學生-林思宏博士學位口試	105/06	論文口試委員
Cognitive Research ： Principles and Implications	105	審稿委員
Journal of Vision	105	審稿委員
科技部人才培育研究計畫(博士後甲類)	106	審查委員
台灣心理學年會	106/01	理事
科技部專題研究計畫線上審查	105	審查委員
台北醫學大學新聘教師論文審查	104/12	審查委員
科技部大專學生研究計畫線上審查	104/01	審查委員
科技部專題研究計畫線上審查	104/01	審查委員
輔仁大學銀髮族使用者行為及設計論壇	104/06	與談人
國立中央大學103 學年度研究所學生-張育庭碩士學位口試	104/01	論文口試委員
國立台灣大學103 學年度研究所學生-王季勤碩士學位口試	104/01	論文口試委員
台北醫學大學論文著作審查委員	104/02	審查委員
專門職業及技術人員高等考試心理師臨床心理學基礎命審會議	104/01	命審委員
103 學年度科技部補助研究生出席國際會議線上審查	103	審查委員

科技部人文社會研究中心學術研習營前瞻研究議題規劃案	102/03~ 105/10	共同主持人
科技部人文社會研究中心學 術研習營人因工程設計與數學心理學	102 至今	講員
103 年台法前鋒科學論壇7th FT-FoS 國內養成會議(高雄場次)	103/03	與談人
中華心理學刊	103/02	審稿委員
輔仁大學102 學年度第一學 期心理學研究所學生-林柏賓碩士學位口試	103/01	口試委員
Frontiers in Psychology 期刊	102/06	客座副主編
Journal of Experimental Psychology: Human Perception and Performance 期刊	102/06	審查委員
Behavior Research Methods 期刊	102/06	審查委員
國立台灣大學101 學年度研 究所學生-黃冠堯碩士學位口 試	102/05	論文口試委員
中華心理學刊	101/08	審稿委員

其他服務

項　目	起迄年月	工作	備　註
高關懷兒少正向輔導計劃之輔導	99/11/01~100/07/31	協同主持人	此計畫與國立成功大學行為醫學研究所郭乃文教授合作，獲得教育部補助，補助金額為新台幣140,680 元。