

楊政達 Cheng-Ta Yang

臺北醫學大學人文暨社會科學院院長
臺北醫學大學心智意識與腦科學研究所特聘教授
國立成功大學心理學系 特聘教授



Contact

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College of Humanities and Social Sciences
2. National Cheng Kung University,
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Lab webpage: <http://vcmlab.com.tw/>

通訊地址

1. 新北市中和區圓通路 301 號(教學研究大樓 5 樓人文暨社會科學院)
2. 台南市大學路一號 國立成功大學社會科學院心理系
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Education

- | | |
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| 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

- 2023.02- 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
- 2022.08-2025.07 **Distinguished Professor,**
College of Humanity and Social Sciences, Taipei Medical University
臺北醫學大學特聘教授
- 2021.08-present 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

- 2022 臺北醫學大學 110 學年教學計畫獎，獲獎勵金額\$60,000 元

- 2022 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 110 學年度特聘教授)
- 2022 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 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)

Director of Taiwanese Psychological Association

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

Conference host

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

Frontiers in Cognition ()

Symmetry in Human Perception and Cognition (Guest editor)

The Quantitative Methods for Psychology (Associate editor, March 2018 – Feb
2021)

Frontiers in Psychology (Guest editor)

Signal and Information Processing

Insight - Automatic Control

Journal Reviewer

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)

- 2023/10/14 心理健康 X 科技創新:以元心流為例/澳洲心理學會 2023 年學術年會主講人
- 2023/05/28 112 年生醫科技研習營-後疫情時代的未來醫療之 Mera-flow 五感正念與虛實整合的沉浸體驗/國立成功大學
- 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
- 2022/10/13 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(日本早稻田大學)
- 2019/07/12 Systems factorial technology: Theory and Application. /The 113th WIAS Monthly Workshop, Waseda Institute of Advanced Studies, Waseda University, Japan(日本早稻田大學)
- 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

- 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

Research Assistant

- 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
用機器學習來完成 MRI- PDF 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—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)	112/06/01 ~ 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—韌性腦於跨越成人生命歷程的追蹤剖析與強化 (1/2)	112/05/01 ~ 113/04/30	11,000,000	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－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	1,029,601	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	110/01/01~111/03/31	16,200,000	共同主持人	科技部

(1/2)(110-2321-B-006 -004 -)				
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
「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 -以街區經濟為根基之中草藥文化復振與創新	112/01/01~ 112/12/31	275,000	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 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	4,511,500	共同主持人	教育部	
全校型-Formosa 假海 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	109/02/01~ 110/01/31	562,500	主持人	教育部	

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)					
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	102/08/01~ 103/07/31	1,311,842	協同 主持人	教育部	

社會問題」(AM2960)					
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畫之輔導	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., Kao, S.-C., **Yang, C.-T.**, Moreau, D., & Wang, C.-H. (accepted). Examining the Relationship Between Aerobic Fitness and Cognitive Control Processes: An SFT and ERP Study. *Behavioural Brain Research*.
2. Zhang, H., Garrett, P. M., Lin P.-Y., Houpt, J.W., **Yang, C.-T.** (2023, Aug). Visual word processing efficiency for Chinese characters and English words. *Acta Psychologica*, 238, 103986. <https://doi.org/10.1016/j.actpsy.2023.103986>
3. Liao, Y.-C., Huang, T.-Y., Lin, S.-H., Wu, C.-H., Chang, K.-T., Hsieh, S., Lin, S.-H., Goh, J. O. S., & **Yang, C.-T.** * (2023, June). Mediating Role of Resilience in the Relationships of Physical Activity and Mindful Self-awareness with Peace of Mind among College Students. *Scientific Reports*, 13:10386. <https://doi.org/10.1038/s41598-023-37416-2>
4. Zhu, P.-F., Zhang, H., Hsieh, C.-H., & **Yang, C.-T.** * (2023, Mar). Using systems factorial technology to investigate collective benefit in group decision-making. *Chinese Journal of Psychology*, 35(1):41-58. **(TSSCI: Psychology)**
5. Chang, Y.H., **Yang, C.-T.** & Hsieh, S. (2023, Mar) Social support enhances the mediating effect of psychological resilience on the relationship between life satisfaction and depressive symptom severity. *Scientific Reports*, 13, 4818 (2023). <https://doi.org/10.1038/s41598-023-31863-7>
6. Fox, E.L. *, Cook, A., **Yang, C.-T.**, Fu, H.-L., Latthirun, K., & Howard, Z. L. (2023, Feb). Influence of dual-task load on redundant signal processing. *The Quantitative Methods for Psychology*, 19(1), 84–99.
7. 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. <https://doi.org/https://doi.org/10.1016/j.psychsport.2023.102395> [**JCR 2021: IF: 5.118; 13.63 % in Sport Sciences] (SCI)**
8. Zhang, H., Hung, S.W., Chen, Y. P., Ku, J.W., Tseng, P., Lu, Y.H., & **Yang, C.-T.** (2023, Jan). Hip Fracture or Not? The Reversed Prevalence Effect Among Non-experts' Diagnosis. *Cognitive Research-Principles and Implications*, 8(1):1. [**JCR 2021: IF: 3.657; 27.47 % in Psychology, experimental] (SSCI)**
9. Lu, A.K.-M., S.-H., **Yang, C.-T.**, Wang, X.-Y., & Lin, S.-H. (2023, Jan). DNA methylation signature of psychological resilience in young adults: Constructing a

methylation risk score using a machine learning method. *Frontiers in Genetics, section Epigenomics and Epigenetics*, 13:1046700. doi: 10.3389/fgene.2022.1046700
[**JCR 2021: IF: 4.772; 24.57 % in Genetics & Heredity**] (SCI)

10. Wang, C. H., Baumgartner, N., Nagy, C., Fu, H. L., **Yang, C.T.***, & Kao, S. C. (2023, Jan). Protective effect of aerobic fitness on the detrimental influence of exhaustive exercise on information processing capacity. *Psychology of Sport & Exercise*, 64:102301. <https://doi.org/10.1016/j.psychsport.2022.102301> [**JCR 2021: IF: 5.118; 13.6 % in Sport sciences**] (SCI)
11. Ho, C.-F., Yang, T.-H., Hsin, L.-J., Yang, S.-W., Tsai, Y.-T., Tsai, M.-S., **Yang, C.-T.**, & Lee, Y.-C. (2022, Jul) Postauricular Incision Versus Conventional Transcervical Incision in Second Branchial Cleft Cyst Excision: A Systematic Review and Meta-Analysis. *Journal of Craniofacial Surgery*, 2022:33: 2365-2371. doi: 10.1097/SCS.00000000000008741. [**JCR 2021: IF: 1.172; 85.91 % in Surgery**] (SCI)
12. Ye, Y.-C., Wu, C.-H., Huang, T.-Y., & **Yang, C.-T.*** (2022, July). The difference between the Connor-Davidson Resilience Scale and the Brief Resilience Scale when assessing resilience: Confirmatory factor analysis and predictive effects. *Global Mental Health*, 1-8. doi:10.1017/gmh.2022.38. [**JCR 2021: IF: 3.75; 54.83 % in Psychiatry**] (SCI)
13. Chang, K.-T., Yao, Z.-F., & **Yang, C.-T.*** (2022, June). New Ways and Strategies for Physical Activity Under the Pandemic. *Quarterly of Chinese Physical Education*, 36(2):93-108 (TSSCI)
14. Garrett, P.M., White, J.P., Dennis, S., Lewandowsky, S., **Yang, C.-T.**, Okan, Y., Perfors, A., Little, D.R., Kozyreva, A., Lorenz-Spreen, P., Kusumi, T., & Kashima, Y. (2022, April). Papers please: Factors affecting national and international COVID-19 immunity and vaccination passport uptake as determined by representative national surveys. *JMIR Public Health and Surveillance*, 2022;8(7): e32969. doi: 10.2196/32969 [**JCR 2021: IF: 14.56; 2.74 % in Public, Environmental & Occupational Health**] (SSCI)
15. Garrett, P. M., Wang, Y., White, J. P., Kashima, Y., Dennis, S., & **Yang, C.-T.*** (2022, Mar). High acceptance for COVID-19 tracing technologies in Taiwan: A nationally representative survey analysis. *International Journal of Environmental Research and Public Health*, 19,3323. <https://doi.org/10.3390/ijerph19063323> [**JCR 2020: IF: 3.39; 23.86% in Public, Environmental & Occupational Health**] (SSCI)
16. Shou, Y, Chen, H. F., Takemura, K., Wu J., **Yang, C.-T.**, & Wang M. (2022) Editorial: From West to East -Recent Advances in Psychometrics and Psychological Instruments in Asia. *Frontiers in Psychology*. 13:875536. doi:10.3389/fpsyg.2022.875536 [**JCR 2021: IF: 4.232; 23.64 % in Psychology**,

Multidisciplinary] (SSCI)

17. Kao, S.-C, Baumgartner, N., Nagy, C., Fu, H.-L., **Yang, C.-T.**, & Wang, C.-H. (2022, Feb). Acute effects of aerobic exercise on conflict suppression, response inhibition, and processing efficiency underlying inhibitory control processes: An ERP and SFT study. *Psychophysiology*, 2022;59: e14032.
<https://doi.org/10.1111/psyp.14032> [**JCR 2020: IF: 4.016; 16.48% in Psychology, Experimental] (SSCI)**
18. Garrett, P. M., Bennett, M., Hsieh, Y.-T., Howard, Z. L., **Yang, C.-T.**, Little, D. R. & Eidels, A. (2022, Jan). Wheel of fortune: A cross-cultural examination of how expertise shapes the mental representations of familiar and unfamiliar numerals. *Computational Brain & Behavior*, (2022) 5:45-49. <https://doi.org/10.1007/s42113-021-00122-1>
19. Lin, C.-C., Liang, C.-W., Juang, M.-Y, **Yang, C.-T.**, Wang, C.-H. (2021, Sep). An investigation of information processing efficiency in elite athletes via workload capacity. *Chinese Journal of Psychology*, 63(3):265-284.
DOI:10.6129/CJP.202109_63(3).0003 (**TSSCI: Psychology**)
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BOOKS AND BOOK CHAPTERS(專書或專書論文)

1. Chang, Y.H., **Yang, C.-T.**, & Hsieh, S. (Accepted). Social support enhances the mediating effect of psychological resilience on the relationship between life satisfaction and depressive symptom severity. *Scientific Reports*.
2. Shou, Y., Chen, H. F., Takemura, K., Wu, J., **Yang, C.-T.**, & Wang, M. C. (2022) Editorial: From West to East -Recent Advances in Psychometrics and Psychological Instruments in Asia. *Frontiers in Psychology*. 13:875536. doi:10.3389/fpsyg.2022.875536
3. **Yang, C.-T.*** (2017). Attention and Perceptual Decision Making. In D. R. Little, N. Altieri, M. Fific, & C.-T. Yang (Eds). *Systems Factorial Technology: A Theory Driven Methodology for the Identification of Perceptual and Cognitive*

Mechanisms. Academic press. Pages 199-217. <https://doi.org/10.1016/B978-0-12-804315-8.00013-6>

4. Altieri, N., Fific, M., Little, D. R., & **Yang, C.-T.** (2017). Historical foundations and a tutorial introduction to Systems Factorial Technology. In D. R. Little, N. Altieri, M. Fific & C.-T. Yang (Eds.), *Systems Factorial Technology: A Theory Driven Methodology for the Identification of Perceptual and Cognitive Mechanisms*: Academic press. Pages 3-25. <https://doi.org/10.1016/B978-0-12-804315-8.00002-1>
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CONFERENCE PAPERS (學術會議論文)

1. 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.
2. 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.
3. 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.

4. 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.
5. 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 at the 15th Taipei Traditional Chinese Medicine International Forum 2023, Taipei, Taiwan.
6. Chung, C.-H., Fu, H.-L., & **Yang, C.-T.** (2022, Nov). The effects of value and probability on the utilization of the perceptual decision strategy. Poster presentation at the 63rd Psychonomic Society Annual Meeting, Boston, USA.
7. Latthirun, K., Huang, T.-Y., **Yang, C.-T.** (2022, Nov). Cognitive Ability Predicts Workload Capacity Among Elders. Poster presentation at the 63rd Psychonomic Annual Meeting, Boston, USA.
8. 張靖妤、葉怡華、粘語宸、許以佳、**楊政達**、廖御圻* (2022, 10月)。身體活動介入對提升認知衰弱長者認知功能及幸福感之效果-系統性文獻回顧。以口頭形式發表 2022 年第 61 屆台灣心理學年會，臺北醫學大學，台灣。
9. 周桂如、邱惠鈴、**楊政達** (2022, 10月)。透過實證資料分析建立我國高齡長者身心健康之相關指標。以口頭形式發表 2022 年第 61 屆台灣心理學年會，臺北醫學大學，台灣。
10. 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 presented at 2022 seminar on Sport and Exercise Psychology of Taiwan (SSEPT), Taipei, Taiwan.
11. 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 presented at the 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan. 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

12. Latthirun, K., Fu, H.-L., & **Yang, C.-T.** (2022, Oct). Individual differences in mindfulness and multi-signal processing efficiency. Poster presentation at the 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
13. Chung, C.-H., Fu, H.-L., & **Yang, C.-T.** (2022, July). The effects of value and probability on the utilization of the perceptual decision strategy. Poster presentation at the 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
14. Hsiao, K. -Y., Lee, C. -C., Chen, Y. -P., Wu, Y. -S., Chang, H, -H, & **Yang, C. -T.** (2022, Oct). Study on the Correlation between Harmonic Analysis of Arterial Pressure Pulse Wave and Cognitive Function Performance. Poster presentation at the 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
15. Chang, K.-T & **Yang, C.-T.** (2022, Oct). Proactive Personality and Resilience of Adults: The Role of Cognitive Control and Flexibility. Poster presentation at the 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
16. 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 at 2022 seminar on Sport and Exercise Psychology of Taiwan (SSEPT), Taipei, Taiwan.
17. 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 presented at the 61st Taiwanese Psychological Association Annual Meeting (TPA), Taipei, Taiwan.
18. 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 at 2022 seminar on Sport and Exercise Psychology of Taiwan (SSEPT), Taipei, Taiwan.

鄭民輝、張焜棠、王駿濠、楊政達。(2022, 10月)。心理韌性在足球運動員安適幸福感對於知覺壓力預測的調節效果。2022 台灣運動心理學會年會暨學術研討會，國立臺灣師範大學，台北。海報發表。
19. Zhang, H., Houpt, J., & **Yang, C.-T.** (2022, July). Holistic processing for Chinese characters and English words. Paper presented at Virtual MathPsych/ICCM 2022. Via mathpsych.org/presentation/866.

20. 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 presented at Virtual MathPsych/ICCM 2022. Via mathpsych.org/presentation/863.
21. Fific, M., Little, D., & **Yang, C.-T.** (2022, July). Modular serial-parallel network for hierarchical facial representations. Paper presented at Virtual MathPsych/ICCM 2022. Via mathpsych.org/presentation/911
22. 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 at the 27th Annual Congress of the European College of Sport Science.
23. Latthirun K., Fu, H.-L., **Yang, C.-T.*** (2021, Nov) Individual Differences in Mindfulness and Multi-Signal Processing Efficiency. Poster presentation at Psychonomic Society 62th Annual meeting, 2021, Virtual.
24. 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 at Psychonomic Society 62th Annual meeting, Virtual.
25. 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 presented at the Configural Processing Consortium (CPC) 2021, Virtual.
26. 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 presented at the 15th International Society of Sport Psychology (ISSP), Taipei, Taiwan.
27. 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 at the 15th International Society of Sport Psychology (ISSP), Taipei, Taiwan.
28. 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 at the 15th International Society of Sport Psychology (ISSP), Taipei, Taiwan.
29. 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 presented at the 15th International Society of Sport Psychology (ISSP), Taipei, Taiwan.
 30. Fific, M., & **Yang, C.-T.** (2021, Jul). Computational Modelling of the Cross-Cultural Differences in Face Perception. Poster presentation at the Proceedings of the Annual Meeting of the Cognitive Science Society, 43(43). <https://escholarship.org/uc/item/7jd3v5m2>
 31. 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 presented at the 2021 Meeting of the Society for Mathematical Psychology, Virtual.
 32. 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 presented at the 2021 Meeting of the Society for Mathematical Psychology, Virtual.
 33. 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 presented at the 2021 Meeting of the Society for Mathematical Psychology, Virtual.
 34. 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 at the 2021 Association for Psychological Science Virtual Convention.
 35. 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 at 2021 Ministry of Science and Technology Conference: Sports Technology and Humanities, Tainan, Taiwan.
 36. Chen, C.-N., Wang, C.-C., & **Yang, C.-T.** (2021, May). The Impact of Maternal Obesity and Gestational Weight Gain on Offspring Developmental Outcomes: A Population-based Cohort Study in Taiwan. Oral presented at (Pediatric Academic Societies) PAS 2021 Virtual Meeting.
 37. 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 at 2020 IEEE International Conference on Visual Communications and Image Processing (VCIP), Macau.

38. 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 at the pre-meeting of the Society for Mathematical Psychology at the 61th Annual Meeting of the Psychonomic Society, Virtual Conference.
39. Zhu, P.-F., Hsieh, C.-J., & **Yang, C.-T.** (2020, Nov). Task context affects the group decision efficiency. Poster presentation at the 61th Annual Meeting of the Psychonomic Society, Virtual Conference.
40. **Yang, C.-T.**, Dennis, S., Wang, Y.-W., Lewandowsky, S., White, J., & Garrett, P. (2020, Oct). Establishing the social license for mobile tracking technologies for COVID-19. Oral presented at the 59th Annual Conference of Taiwanese Psychological Association (TPA), Taipei, Taiwan.
41. 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 presented at 2020 seminar on sport and exercise psychology of Taiwan (SSEPT), Taipei, Taiwan.
42. Shang, L.-L., Little, D. R., M.-E., Eidels, A. & **Yang, C.-T.*** (2020, July). The workload capacity of semantic search in convergent thinking. Oral presentation at the 53rd Annual Meeting of the Society for Mathematical Psychology, Virtual conference.
43. 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. The 25th Annual Congress of the European College of Sport Science (ECSS), Sevilla, Spain.
44. 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 presented at the 2019 seminar on sport and exercise psychology of Taiwan. Taichung, Taiwan.
45. **Yang, C.-T.***, Hsieh, S., 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 presented at the 60th Psychonomic Society Annual Meeting, Montréal, Québec, Canada.
46. **Yang, C.-T.***, Yu, Y.-T., Hsieh, S., 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 at the 65th Annual meeting of Japanese Society of Theoretical Psychology, Kochi, Japan.
47. **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・
48. 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・
49. **Yang, C.-T.***, Yu, Y.-T., Hsieh, S., Fific, M., Wang, C.-H., & Hsieh C.-J. (2019, Apr).
An examination of age-related differences in attentional control by systems
factorial technology. Poster presentation at 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.
50. 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 at the 2019 IEEE Conference on Virtual Reality
and 3D User Interfaces, Osaka, Japan.
51. **Yang, C.-T.***, Hsieh, C.-J., & Fific, M. (2019, Mar). Are two heads better than
one? Systems factorial technology provides new insights on the group
decision-making process. Oral presented at the 7th International Conference
on Business and Social Science, Kyoto, Japan.
52. **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 at the 59th Annual Meeting of
Psychonomic Society, New Orleans, USA.
53. Huang, C.-Y., & **Yang, C.-T.*** (2018, Nov). System Factorial Technology
Provides New Insights on Hybrid Search. Poster presentation at the 59th
Annual Meeting of Psychonomic Society, New Orleans, USA.
54. **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 at the 82nd Annual Meeting of
Japanese Psychological Association, Sandai, Japan.
55. **Yang, C.-T.*** (2018, Sep). Zhong-Yong thinking and rational decision-making.
Oral presented at the 82nd Annual Meeting of Japanese Psychological
Association, Sandai, Japan.
56. 謝承儒、Mario Fific、楊政達*(2019 年 10 月)。一加一大於二? 利用系統
多因子技術探討團體決策歷程。以口頭形式發表於 2018 台灣心理學會第
57 屆年會暨心理學科普營，台南市長榮大學，台灣。
- 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 presented at the 57th Annual meeting of

Taiwanese Psychological Association, Tainan, Taiwan.

57. **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. Oral presented at the 64th Annual Meeting of Theoretical Psychology, Shinjuku, Japan.
58. **Yang, C.-T.*** (2018, Aug). Systems factorial technology: A theory-driven methodology for the identification of perceptual decision mechanism. Oral presentation at the 64th Annual meeting of Japanese Society of Theoretical Psychology, Shinjuku, Japan.
59. 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 presented at the 51st Annual Meeting of the Society for Mathematical Psychology, Madison, WI, USA.
60. 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 at the 2017 Annual Winter Conference of Dutch Society for Psychonomic, Egmond, The Netherlands.
61. 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。以口頭形式發表於 2017 台灣心理學年會暨學術研討會，嘉義市國立中正大學。
62. Chen, J., Hsieh, S., Wang, C-H, **Yang, C.-T.*** (2017, Oct). Aging effect on the workload capacity in visual detection and discrimination. Oral presentation at the 56th Taiwanese Psychological Association Annual Convention and International Convention 2017, National Chung Cheng University, Chia-Yi.
63. **Yang, C.-T.***, Chen, J., & Lin, P.Y. (2017, Jul). The effect of top-down control on the selection of decision strategies. Poster presentation at the 50th Annual Meeting of the Society for Mathematical Psychology, London, UK.
64. **Yang, C.-T.***, Chen, J., Houpt, J.W., Eidels, A., Little, D. R., & Wong, A. C.-N. (2016, Nov). Visual Word Processing Efficiency for Chinese Characters and English Words. Poster presentation at the 57th Annual Meeting of Psychonomic Society, Boston, Massachusetts.
65. 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 at the 2016 Conference and Annual Convention of Taiwan Psychology Association, National Cheng Kung University, Tainan.
66. 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。以口頭形式發表於 2016 台灣心理學年會暨學術研討會，臺南市國立成功大學。
67. 陳德祐、林柏賓、**楊政達** (民 105 年 10 月)。特徵選擇的神經機制。以海報形式發表於 2016 年科技部心智科學腦影像研究計畫成果發表會，臺南市國立成功大學。
 68. **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 at the 49th Annual Meeting of the Society for Mathematical Psychology, New Brunswick, New Jersey.
 69. Huang, K.-W., Lin, P.-P., Lin, P.-Y., & **Yang, C.-T.*** (2015.Nov). Visual word processing modulated by reading experience. Poster presentation at the 2015 Nckumathpsy-Bayesian method of sequential sampling model workshop, Tainan, Taiwan.
 70. 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. Poster presentation at the 2015 Nckumathpsy-Bayesian method of sequential sampling model workshop, Tainan, Taiwan.
 71. 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 at the 2015 Nckumathpsy-Bayesian method of sequential sampling model workshop, Tainan, Taiwan.
 72. **Yang, C.-T.***, Fific, M., & Chang, T.-Y. (2015.Jul). Systems factorial technology provides new insights on the other-race effect. Paper presented at the 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California.
 73. 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 presented at the 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California.
 74. 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 presented at the 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California.
 75. Yu, J.-C., Chang, T.-Y., & **Yang, C.-T.*** (2014, Sep). Working memory capacity predicts workload capacity. Paper presented at the 22nd Annual Meeting of Object Perception, Attention, and Memory (OPAM), Long Beach, California.

76. **Yang, C.-T.***, Chang, T.-Y., & Little, D. R. (2014, Nov). The dynamic changes of the processing architecture in cued detection. Poster presentation at the 55th Annual Meeting of Psychonomic Society, Long Beach, California.
77. **Yang, C.-T.***, & Chang, T.-Y. (2014, Jul). The dynamic changes of the processing architecture in cued detection. Paper presented at the 47th Annual Meeting of the Society for Mathematical Psychology, Quebec, Canada.
78. Chang, T.-Y., & **Yang, C.-T.*** (2014, Jul). Median thinking style predicts the individual differences in processing capacity. Poster presentation at the 47th Annual Meeting of the Society for Mathematical Psychology, Quebec, Canada.
79. Yu, J.-C., & **Yang, C.-T.*** (2014, Jul). Individual differences in working memory capacity and workload capacity. Paper presented at the 47th Annual Meeting of the Society for Mathematical Psychology, Quebec, Canada.
80. 陳彥璋、李幸芳、侯元忠、林孟珰、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, 台南市遠東科技大學。
81. Yu, J.-C., & **Yang, C.-T.*** (2013, Nov). Salient task-irrelevant features interfere with perception of an attended feature. Poster presentation at the 54th meeting of Object Perception, Attention, and Memory (OPAM), Toronto, Canada.
82. **Yang, C.-T.***, & Chang, T.-Y. (2013, Nov). Selective Attention Modulates the Effect of Contingencies on Processing Redundant Targets. Poster presentation at the 54th meeting of Psychonomic Society, Toronto, Canada.
83. Chang, T.-Y., & **Yang, C.-T.*** (2013, Nov). Selective attention modulates the effect of contingencies on processing redundant targets. Poster presentation at the 54th meeting of Object Perception, Attention, and Memory (OPAM), Toronto, Canada.
84. **Yang, C.-T.***, & Chang, T.-Y. (2013, Aug). Selective attention modulates the effect of contingencies on the perceptual decision process. Paper presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Germany, Potsdam.
85. **Yang, C.-T.***, & Hu, Y. (2012, Nov). Examining the effect of payoffs on stimulus detection in a redundant-target detection task. Poster presentation at the 53rd Annual Meeting of Psychonomic Society, Minneapolis, Minnesota.
86. Chang, T.-Y., Wu, C.-J., & **Yang, C.-T.*** (2012, Oct). Relative change probability affects the decision process of detecting multiple feature-changes. Paper presented at the 51st Annual Meeting of Taiwanese Psychological Association, Taichung, Taiwan.
87. **Yang, C.-T.***, & Hu, Y. (2012, Jul). Examining the effect of payoffs on stimulus

- detection in a redundant-target detection task. Paper presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, Ohio.
88. 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 presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, Ohio.
 89. Yu, J.-C., & **Yang, C.-T.*** (2011, Nov). False recognition of a pre-change object is position dependent. Poster presentation at the 18th meeting of Object Perception, Attention, and Memory (OPAM), Seattle, WA.
 90. Chang, T.-Y., Tsai, Y.-C., & **Yang, C.-T.*** (2011, Nov). The effect of perceptual load on the processing of a distracting schematic face. Poster presentation at the 18th meeting of Object Perception, Attention, and Memory (OPAM), Seattle, WA.
 91. **Yang, C.-T.*** (2011, Nov). Relative change probability affects the decision process of detecting multiple feature changes. Paper presented at the 52nd Annual Meeting of Psychonomic Society, Seattle, WA.
 92. **Yang, C.-T.*** (2011, Oct). Relative change probability affects the decision process of detecting multiple feature changes. Poster presentation at the 50th Annual Meeting of Taiwanese Psychological Association, Taichung, Taiwan.
 93. Wu, Y.-J., & **Yang, C.-T.*** (2011, Oct). Revisiting the whole-display superiority in change detection. Poster presentation at the 50th Annual Meeting of Taiwanese Psychological Association, Taichung, Taiwan.
 94. **Yang, C.-T.*** (2011, Jul). Relative change probability affects the decision process of detecting multiple feature changes. Paper presented at the 44th Annual Meeting of the Society for Mathematical Psychology, Boston, MA.
 95. Chang, W.-S., Wu, Y.-J., & **Yang, C.-T.*** (2011, Jul). 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.
 96. 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.
 97. **Yang, C.-T.**, Cheng, F.-N., & Teng, W.-G.* (2011, July), Assessing Media Relevance via Eye Tracking. Paper presented at the 1st International Workshop on Mobile Social Networks, Kaohsiung, Taiwan.
 98. **Yang, C.-T.***, & Yeh, Y.-Y. (2010, November). Relative salience in change signals affects decision strategy in change detection. Poster presentation at the 51st Annual Meeting of the Psychonomic Society, St. Louis, Missouri.

99. Tsai, Y.-C., & **Yang, C.-T.*** (2010, November). The effect of perceptual distinctiveness on affective judgment. Poster presentation at the 18th meeting of Object Perception, Attention, and Memory (OPAM), St. Louis, Missouri.
100. Wu, C.-J., & **Yang, C.-T.*** (2010, November). The role of saliency in real world at different time courses. Poster presentation at the 18th meeting of Object Perception, Attention, and Memory (OPAM), St. Louis, Missouri.
101. Liu, Y.-C., & **Yang, C.-T.*** (2010, November). The effect of strategic control on detecting change. Poster presentation at the 18th meeting of Object Perception, Attention, and Memory (OPAM), St. Louis, Missouri.
102. Tsai, Y.-C., & **Yang, C.-T.*** (2010, November). The effect of perceptual distinctiveness on affective judgment. **Poster session presented** at the 49th Annual Meeting of Taiwanese Psychological Association, Chiayi, Taiwan.
103. Wu, C.-J., & **Yang, C.-T.*** (2010, November). The role of saliency in real world at different time courses. Poster presentation at the 49th Annual Meeting of Taiwanese Psychological Association, Chiayi, Taiwan.
104. Liu, Y.-C., & **Yang, C.-T.*** (2010, November). The effect of strategic control on detecting change. Poster presentation at the 49th Annual Meeting of Taiwanese Psychological Association, Chiayi, Taiwan.
105. **Yang, C.-T.*** (2010, November). Relative Saliency of Change Signals Affects Decision Strategy in Change Detection. Paper presented at the 49th Annual Meeting of Taiwanese Psychological Association, Chiayi, Taiwan.
106. Yeh, Y.-Y.*, Chen, Y.-H., & **Yang, C.-T.** (2009, November). Target-distractor competition influences the compatibility effect under low perceptual load. Paper presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.
107. **Yang, C.-T.***, Hsu, Y.-F. & Yeh, Y.-Y. (2009, November). Detecting changes in a multi-element display. Poster presentation at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.
108. Tseng, Y.-C., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, November). Dual processes in recognition memory of a pre-change object. Poster presentation at the 17th meeting of Object Perception, Attention, and Memory (OPAM), Boston, MA.
109. Chiu, P.-T., Liao, Y.-W., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, November). Strategic control through speed grouping in multiple object tracking. Poster presentation at the 17th meeting of Object Perception, Attention, and Memory (OPAM), Boston, MA.
110. **Yang, C.-T.***, Hsu, Y.-F. & Yeh, Y.-Y. (2009, November). Detecting changes in a multi-element display. Poster presentation at the 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.

111. Huang, K.-Y., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, October). The cuing benefit on change detection relies on effective top-down control. Poster presentation at the 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
112. Tseng, Y.-C., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, October). Dual processes in recognition memory of a pre-change object. Poster presentation at the 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
113. Chiu, P.-T., Liao, Y.-W., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, October). Strategic control through speed grouping in multiple object tracking. Poster presentation at the 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
114. Lee, S.-M., **Yang, C.-T.**, & Yeh, Y.-Y.* (2009, October). The iconic memory decay rates vary as a function of types of attentional cuing. Poster presentation at the 48th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
115. 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 at the 9th Annual Meeting of Vision Sciences Society (VSS), Naples, Florida.
116. **Yang, C.-T.***, Hsu, Y.-F., & Yeh, Y.-Y. (2008, November). Detecting changes in a multi-element display. Poster presentation at the 16th meeting of Object Perception, Attention, and Memory (OPAM). Chicago, Illinois.
117. **Yang, C.-T.***, Hsu, Y.-F. & Yeh, Y.-Y. (2008, October). The decision process in change detection. Paper session presented at the 47th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
118. **Yang, C.-T.***, Hsu, Y.-F., & Yeh, Y.-Y. (2008, July). Detecting changes in a multi-element display. Paper presented at the 41st Annual Meeting of the Society for Mathematical Psychology, Washington, DC.
119. **Yang, C.-T.***, Hsu, Y.-F., & Yeh, Y.-Y. (2008, June). The decision process in change detection. Paper session presented at the meeting of the 6th Chinese Psychologist Conference, Hong-Kong.
120. **Yang, C.-T.***, & Yeh, Y.-Y. (2007, November). Memory of an Attended objects: Top-down and Bottom-up Interaction on Delayed-matching of Features. Poster presentation at the 15th meeting of Object, Perception, Attention, and Memory (OPAM). Long beach, CA.
121. **Yang, C.-T.***, Hsu, Y.-F. & Yeh, Y.-Y. (2007, July). The decision process in change detection. Paper session presented at the 40th Annual Meeting of the Society for Mathematical Psychology, Costa Mesa, CA.

122. **Yang, C.-T.***, & Yeh, Y.-Y. (2006, November). The relationship between change detection and memory of previously glanced objects. Poster presentation at the 14th meeting of Object Perception, Attention, and Memory (OPAM). Houston, Texas.
123. **Yang, C.-T.***, Wu, C.-H., Sun., C.-L., & Yu, Y.-P. (2006, September). A measurement for sport slump experience. Poster presentation at the 45th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
124. Wu, C.-H., **Yang, C.-T.**, Sun, C.-L., & Yu, Y.-P.* (2006, September). Preventing self-handicapping in sport by enhancing intrinsic motivation: A perspective from an angle of self-determination theory. Poster presentation at the 45th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
125. **Yang, C.-T.***, Hsu, Y.-F., & Yeh, Y.-Y. (2006, January). Featural Memory of an Attended Object. Paper presented at the Workshop on Brain and Cognition. Taipei, Taiwan.
126. **Yang, C.-T.***, Shih., C.-H., Siskerodir, M., & Yeh, Y.-Y. (2005, November). Face detection advantage: Capture or odd-one out. Poster presentation at the 13rd meeting of Object Perception, Attention, and Memory (OPAM). Toronto, Ontario.
127. Yeh, Y.-Y.*, **Yang, C.-T.**, & Hung, Y.-C. (2005, November). Dissociation Between Recognition of Pre-change Objects and Change Detection. Paper presented at the 46th Annual Meeting of Psychonomic Society. Toronto, Ontario.
128. Yeh, Y.-Y.*, **Yang, C.-T.**, & Hung, Y.-C. (2005, October). Dissociation between recognition of pre-change objects and change detection. Poster presentation at the 44th Annual Meeting of Taiwanese Psychological Association. Taoyuan, Taiwan.
129. Shih, C.-H., **Yang, C.-T.**, Cheng, M., & Yeh, Y.-Y.* (2005, October). Domain Specificity: Do male faces capture attention? Poster presentation at the 44th Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
130. **Yang, C.-T.***, & Yeh, Y.-Y. (2005, January). Top-down and Bottom-up Interaction on Delayed-matching of Features. Poster presentation at the International Conference on Attentional Control (ICAC). Chia-yi, Taiwan.
131. **Yang, C.-T.***, & Yeh, Y.-Y. (2005, January). Perceptual Memory of an Object's Features. Paper presented at the Workshop on Attention and Perception. Chia-yi, Taiwan.
132. **Yang, C.-T.***, & Yeh, Y.-Y. (2004, August). Perceptual memory of an object's features. Poster presentation at the 28th International Congress of Psychology (ICP). Beijing, China.

133. Wu, C.-H., **Yang, C.-T.**, & Yao, K.-P. G.* (2003, November). The Relationships Between self-clarity and Quality of Life. Poster presentation at the Annual Meeting of the International Society for Quality of Life Research (ISOQOL), Prague, Czech Republic.
134. Yeh, Y.-Y.*, & **Yang, C.-T.** (2003, November). The role of visual attention in visual short-term memory. Poster presentation at the 45th Annual Meeting of Psychonomic Society, Vancouver, B.C., Canada.
135. **Yang, C.-T.***, Lin, S.-H., Shih, C.-H., & Yeh, Y.-Y. (2003, October). The effect of perceptual and conceptual similarity on detecting changes. Poster presentation at the 42nd Annual Meeting of Chinese Psychological Society, Taipei, Taiwan.
136. **Yang, C.-T.***, Chiu, Y.-C., & Yeh, Y.-Y. (2002, October). Cueing effect on detecting changes in visual working memory. Poster presentation at the 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-1oasYU4vBKlIT1sBFhCPTSfqQTUR9cDHYGQe_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)
心理所	朱鵬飛 Peng-Fei Zhu	碩士	Using systems factorial technology to investigate the effect of task rule and task difficulty on the collective benefit in group decision-making[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]	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. 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	傅皓倫	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]		
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 [Systems Factorial Technology provides new insights on Chinese and English visual word processing]	107/07(106 年度/第 2 學期畢業)	
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)	期刊論文撰寫中
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	105/1 畢業(104 年度/第 2 學期畢業)	期刊論文撰寫中

			[Examining the effect of salience manipulations of ads on oculomotor capture]		
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 [[Individual differences in working memory capacity and workload capacity]]	104/02 畢業(103年度/第1學期畢業)	<p>1. Yu, J.-C., Chang, T.-Y., & <u>Yang, C.-T.*</u> (2014). Individual differences in working memory capacity and workload capacity. <i>Frontiers in Psychology</i>, 5:1465. doi: 10.3389/fpsyg.2014.01465</p> <p>2. Yu, J.-C., Chang, T.-Y., & <u>Yang, C.-T.*</u> (2014). Working memory capacity predicts workload capacity. <i>Visual Cognition</i>, 22(8), 1046 -1049.</p> <p>3. <u>Yang, C.-T.*</u>, Yu, J.-C., & Chang, W.-S. (2016, Jun). Using systems factorial technology to investigate cognitive processing in redundant visual-auditory signals. <i>Chinese Journal of Psychology</i>.</p>
認知科學研究所	張文乘 Wen-Sheng Chang 學號: u7699101 5	碩士	視聽冗餘訊息在不同作業下的處理模式 [An Investigation on the	103/07 畢業	1. <u>Yang, C.-T.*</u> , Yu, J.-C., & Chang, W.-S. (2016, Jun). Using systems factorial technology to investigate cognitive processing in redundant visual-auditory

			Redundant Visual-Auditory Processing]		<p>signals. Chinese Journal of Psychology.</p> <p>2. <u>Yang, C.-T.</u>, Chang, W.-S., Cheng, F.-N., & Teng, W.-G.* (2011). Gaze-based feedback in assessing media relevance. Journal of Computers, 22(2), 23-32.</p>
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)	<p>1. Yu, J.-C., Chang, T.-Y., & <u>Yang, C.-T.*</u> (2014). Individual differences in working memory capacity and workload capacity. Frontiers in Psychology. 5:1465. doi: 10.3389/fpsyg.2014.01465</p> <p>2. Chang, T.-Y., & <u>Yang, C.-T.*</u> (2014). Individual Differences in Zhong-Yong Tendency and Processing Capacity. Frontiers in Psychology. 5:1316. doi: 10.3389/fpsyg.2014.01316.</p> <p>3. Yu, J.-C., Chang, T.-Y., & <u>Yang, C.-T.*</u> (2014). Working memory capacity predicts workload capacity, Visual Cognition, 22(8), 1046-1049.</p> <p>4. <u>Yang, C.-T.*</u>, Chang, T.-Y., &</p>

					Wu, C.-J. (2013). Relative change probability affects the decision process of detecting multiple feature changes. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 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. <u>Yang, C.-T.*</u> , Little, D. R., & Hsu, C.-C. (2014.Jun). The influence of cueing on attentional focus in perceptual decision making. <i>Attention, Perception, & Psychophysics</i> , 76(8), 2256-2275. 2. <u>Yang, C.-T.*</u> , Hsu, C.-C., Huang, Y.-M., & Tsai, Y.-C. (2013). Examining the effect of perceptual saliency on the liking judgment. <i>Chinese Journal of Psychology</i> , 55(1), 139-158.
認知科學研究所	蔡宜成 Yi-Cheng Tsai 學號: U7698107 8	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	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. <i>Chinese</i>

			Distinctiveness on Mere Exposure Effect and Recognition Memory		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: u7697401 3	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: u7600104 8	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	102/07/22 (101 年度 第 2 學期 畢業)	

			redundant targets]		
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指導學生優良表現

1. 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 III 學年度下學期研究生申請國際學術研究會議補助
2. 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 III 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 16,000 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 35,000 元
3. 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
4. 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
5. 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)
6. 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。
7. 指導學生鍾瀨慧參加第 63 屆實驗心理學年會，獲得國立成功大學心理學系 III 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
8. 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 III 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
9. 指導學生傅皓倫獲得 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
10. 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
11. 指導博士生鄭民輝獲得 III 年度國立成功大學培育優秀博士獎學金
12. 指導博士生張焜棠獲得國立成功大學 III 年度 Grand Review 博士生暨博士後研究學術競賽博士生傑出獎
13. 指導博士生席拉蓉獲得 III 學年度窮理致知獎學金（秋季班舊生）

14. 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
15. 指導學生傅皓倫獲得 110 年國立成功大學永豐商業銀行獎助學金
16. 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
17. 指導博士生席拉蓉獲得 110 學年度窮理致知獎學金
18. 指導學生傅皓倫獲得教育部所頒發 2021 奮發向上優秀學生獎
19. 指導學生傅皓倫獲得科技部 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.
16. 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
17. 「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
18. 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。
19. 指導學生傅皓倫獲得 108 年度科技部大專學生研究創作獎，獲得新台幣 20,000 元。
20. 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.
21. 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
- 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.
22. 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」
23. 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
24. 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
25. 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 capacity. Poster session presented at the 47th Annual Meeting of the Society for Mathematical Psychology, Canada, Quebec.
26. 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.
27. 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.
28. 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 on the perceptual decision process. Poster session presented at the 54th meeting of Object, Perception, Attention, and Memory (OPAM), Toronto, Canada.
29. 102/05 指導學生陳彥璋、李幸芳、侯元忠、林孟珣、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」。
30. 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」
31. 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.
32. 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.
33. 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。
 34. 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。
 35. 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。
 36. 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。
 37. 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」
 38. 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.
 39. 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.
 40. 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)

2023.2-	SEMINAR (2) 1112_專題研究 (二)
2023.7	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-	INTEGRATED HEALTH SCIENCES SEMINAR(1) 1111_健康照護
2023.1	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-	SEMINAR IN SPECIAL TOPIC(4) 1102_專題討論 (四)
2022.7	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-	INDEPENDENT STUDY(3) 1101_獨立研究 (三)
2022.1	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-	PROJECT BASED LEARNING OF INTERDISCIPLINARY START-
2021.7	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 I08I_實驗設計
 SEMINAR (1) I08I_專題研究 (一)
 INTRODUCTION TO PSYCHOLOGY(I) I08I_心理學概論
 (一)
 PSYCHOLOGY I08I_心理學
 GENERAL EDUCATION FORUM-NAVIGATING COLLEGE
 I08I_通識專題講座-大學導航
 2019.2- TAIWAN FESTIVAL IN JAPAN- PSYCHOLOGY X
 2019.7 TECHNOLOGY X CULTURE INOVATION I072_夏日台灣祭在
 日本—心理 X 科技 X 文化創新
 SEMINAR (2) I072_專題研究 (二)
 INTEGRATED HEALTH SCIENCES SEMINAR(2) I072_健康照
 護專題討論 (二)
 INTEGRATED HEALTH SCIENCES SEMINAR(4) I072_健康照
 護專題討論 (四)
 SEMINAR (2) I072_專題研究 (二)
 CLINICAL STUDY DESIGN(II) I072_臨床研究設計 (二)
 SEMINAR I072_專題討論
 PHYSICAL EXERCISE AND COGNITIVE NEUROSCIENCE
 I072_健身運動與認知神經科學
 TEACHING PRACTICUM(2) I072_教學實習 (二)
 SEMINAR ON MATHEMATICAL METHODS IN PSYCHOLOGY
 I072_心理數理學專題研究
 SEMINAR IN SPECIAL TOPIC(2) I072_專題討論 (二)
 2018.8- INTRODUCTION TO PSYCHOLOGY(I) I07I_心理學概論
 2019.1 (一)
 SEMINAR (1) I07I_專題研究 (一)
 USER EXPERIENCE IN THEATRE I07I_體驗劇場
 DRAMA THERAPY I07I_戲劇治療
 SEMINAR IN PSYCHOLOGY(I) I07I_心理科學議題 (一)
 SEMINAR IN PSYCHOLOGY(3) I07I_心理科學議題 (三)
 TEACHING PRACTICUM(I) I07I_教學實習 (一)
 EXPERIMENTAL DESIGN I07I_實驗設計
 INTRODUCTION TO MIND SCIENCES I07I_心智科學導論
 2018.2- SEMINAR (2) I062_專題研究 (二)
 2018.7 INTEGRATED HEALTH SCIENCES SEMINAR(2) I062_健康照護
 專題討論 (二)
 INTEGRATED HEALTH SCIENCES SEMINAR(4) I062_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) I021_專題研究 (一)
 SEMINAR(1) I021_專題討論
 COGNITIVE SCIENCE I021_認知科學
 TEACHING PRACTICUM(1) I021_教學實習 (一)
 ATTENTION, MEMORY AND DECISION I021_注意力、記憶與
 決策
 SEMINAR ON MATHEMATICAL METHODS IN PSYCHOLOGY
 I021_心理數理學專題研究
 2013.2- STATISTICS AND DATA ANALYSIS (11) I012_統計學與資料分析
 2013.7 (二)
 SEMINAR (2) I012_專題研究 (二)
 VISUAL AND HUMAN FACTORS I012_視覺與人因設計
 THE ANALYSIS AND PRACTICAL APPLICATIONS OF THE USER
 EXPERIENCE OF SMARTPHONE ADDICTS (2) I012_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) I012_教學實習 (二)
 SEMINAR I012__專題討論
 2012.8- STATISTICS AND DATA ANALYSIS (1) I011_統計學與資料分析
 2013.1 (一)
 SEMINAR (1) I011_專題研究 (一)
 THE ANALYSIS AND PRACTICAL APPLICATIONS OF THE USER
 EXPERIENCE OF SMARTPHONE ADDICTS I011_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 I011_創新科技探索智慧空間—以夜市文化為例
 ADVANCED PSYCHOLOGICAL ASSESSMENT
 -NEURO PSYCHOLOGICAL APPROACH I011_高等臨床心理衡
 鑑—以神經心理學走向為例
 COGNITION, TECHNOLOGY, AND DESIGN I011_認知、科技
 與設計
 SEMINAR I011_專題討論
 COLLOQUIUM IN COGNITIVE SCIENCE (1) I011_認知科學議
 題研討 (一)
 COGNITIVE SCIENCE I011_認知科學
 TEACHING PRACTICUM (一) I011_教學實習 (1)

	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- INTRODUCTION TO STATISTICS 981_統計學概論
 2010.1 SEMINAR IN ATTENTION, MEMORY, AND DECISION 981_注意
 力、記憶與決策
 2008.2- SEMINAR IN ATTENTION AND MEMORY
 2009.1
 2007.2-2007-7 TEACHING ASSISTANT FOR GENERAL PSYCHOLOGY
 2007.9- TEACHING ASSISTANT FOR EXPERIMENTAL PSYCHOLOGY
 2008.1
 2006.9- TEACHING ASSISTANT FOR EXPERIMENTAL DESIGN
 2007.1
 2004.9- TEACHING ASSISTANT FOR STATISTICS IN PSYCHOLOGY
 2006.7 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
110 學年度心理系學生-傅皓倫碩士學位口試	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
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護 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 夢藍碩士學位口試	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	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
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 applications”)	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會」	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 Annual Meeting.	108	審查委員
科技部人社中心心理學門期刊評比收錄審查	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命題	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	107/03~110/02	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。