

2020 年 1 月更新: Jan, 2020

個人學術履歷: 陳紹慶

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個人自傳

我在 2013 年前主要進行字詞辨識認知歷程研究，2013 到 2015 年間開始探索語言理解的體現認知課題，這段期間也得知心理科學危機的主張，以及推廣開放科學各方資訊。2016 年透過科技部的補助，我至荷蘭與體現認知的重要學者 Rolf Zwaan 合作一年，除了進行跨國語言理解研究，也在此期間轉變為開放科學實踐者。

2017 年起我開始積極加入國際開放科學推廣活動，有正式加入 開放科學中心大使計畫(Center for Open Sciences Ambassadors)，參加 心理科學品質增進學會 (Society for the Improvement of Psychological Science)，參與 創辦心理科學加速器(Psychological Science Accelerator)，參與中國大陸地區 開放科學社群。期間根據與荷蘭學者的合作成果，延伸語言理解研究主題，透過心理科學加速器，在 23 國家同時進行 14 種語言的實驗室研究，確認物件方向模擬效應的普世性及特殊性。教學方面帶領學生運用透明研究操作認識並探討心理學課題，目前參與 協同合作再現及教育專案(Collaborative Replications and Education Project)，落實開放科學理念與操作系統於教學內容。

2019 結束前，感到台灣學術社群對開放科學的關注不如國外甚至中國大陸，亦未看見機構或資深學者呼籲重視國際學術社群的嘗試對下一代學術文化的影響，決定自行推動在地化行動。其中之一是成立跨校教師自學社群，2019 年台灣心理學年會之後正式定名為「台灣心理科學協作群」，近程經營項目有建立跨校學生專案協作平台與定期舉辦論文研讀班。第二是策劃中文網路廣播節目「開放咖啡角」，介紹代表性論文，以及多人對談相關詳題，目前在 Spotify 與 Apple Podcasts 等平台上線。

*自傳內容摘錄自個人網站，可至個人網站首頁獲得內容提到的項目詳細資訊。

學術專長

認知/實驗心理學

語言理解的體現認知歷程

字詞辨識的認知歷程

混合效果模型：語言實驗跨國樣本分析

開放科學：普及化透明可重製研究操作

學歷

2004 年於國立中正大學心理學系獲博士學位。博士論文：造成促發效果的時序接近性條件 (劉英茂教授指導)

1998 年於國立政治大學心理學系獲理學士學位。專題研究：中文字朗讀的聯絡主義模型 (顏乃欣教授指導)

博士後專業教育

2008 年 3 月-2009 年 2 月 美國里奇蒙大學心理學系博士後訪問學者
與李平教授合作中文字詞認知模型模擬

2007 年 8 月~ 2008 年 1 月 國立成功大學認知科學研究所博士後研究員
與陳振宇教授合作語言心理學跨領域課題

2005 年 11 月~ 2007 年 7 月 國立台灣大學心理學系博士後研究員
與吳瑞屯教授合作中文字詞辨識研究。

經歷

2017 年 8 月至今 副教授
慈濟大學人類發展與心理學系

2009 年 2 月- 2017 年 7 月 助理教授
慈濟大學人類發展學系

專業社群參與

台灣心理學會

Society for the Improvement of Psychological Science

Psychological Science Accelerators

專業服務

1.評審 (專業期刊、學會、學術機構)

Chinese Journal of Psychology; Journal of Cognitive Psychology;
Psihologija; Journal of Pacific Rim Psychology

Cognitive Science Society

Ministry of Science and Technology, Taiwan

Psychological Science Accelerator (PSA)

Collaborative Replications and Education Project (CREP)

2. 其他專業服務

2011-2013 Host, Round Table of “Understand and Improve Difficulties of Writing and Reading for the Children in Hualien”, sponsored by Second Northern Taiwan Teaching Resource Center

2007 Secretary, the 12th International Conference on the Processing of East Asia Related Languages (ICPEARL 2007)

2001 Assistance, Symposium on “Chinese Character/Word Processing”, National Chung Cheng University

補助紀錄

1.Research Grants

2016-2017 PI, Ministry of Science and Technology, Taiwan (MOST 105-2410-H-320 -001; NT\$ 470,000) "Mental Simulation of Visual and Motor Experiences: Improvements on the Theories and Methods"

2014-2015 PI, Ministry of Science and Technology, Taiwan (MOST 103-2410-H-320 -002; NT\$ 470,000) "Stimuli-response compatibility effects caused by the feeling to imaged actions and objects"

2012-2013 PI, National Science Council, Taiwan (NSC 101-2410-H-320-003; NT\$ 402,000) "Cognitive operation in the lexical processing of Chinese two-character"

- 2012 PI , National Science Council, Taiwan (NSC 101-2420-H-320 - 001; NT\$ 541,000) “Word segmentation and identification in children with reading difficulties”
- 2010-2011 PI, National Science Council, Taiwan (NSC 99-2410-H-320 -009; NT\$ 736,000) “Pseudo-character reading paradigm”
- 2009-2010 PI, National Science Council, Taiwan (NSC 98-2410-H-320 -009; NT\$ 515,000) “Lexical aspects of Chinese phonetic”

2.Grants for Professional Development

- 2016 Visiting Researcher granted by Ministry of Science and Technology, Taiwan (MOST 105-2918-I-320-002)
Collaborators: Rolf Zwaan, Bjorn B. de Koning
Location: Department of Psychology, Education & Child Studies, Erasmus University Rotterdam: Rotterdam, NL
Topic: Cognitive Processing of Mental Simulation Effects
- 2013 PI, Research Center for the Humanities and Social Science, National Science Council, Taiwan (NSC 101-2420-H-002-006-SG10104; NT\$ 162,000) "Research fundemetrals for the development of reading"
- 2010 – 2011 The Young Scholar Consulting (Mentor: Prof. James, Myers, Institution of Linguistic, National Chung-Cheng Univeristy). Social Science Research Center, National Science Council, Taiwan
- 2007 The Postdoctoral Research Abroad Program, National Science Council, Taiwan
- 1998 College Student Research Award, National Science Council, Taiwan

教學經驗

- 1998-2000 Department of Psychology, National Chung Cheng University
Introductory Statistics (Teaching Assistant)
Experimental Design (Teaching Assistant)
- 2007 Department of Psychology, Asia University
Sensation and Perception
Application of statistical software
- 2010 Department of Counseling and Clinical Psychology, National

Dong Hwa University
Research Method for Social and Behavioral Science
2009 – present Department of Human Development, Tzu Chi University
Introductory Psychology
Experimental Psychology*
Basic Statistics*
Application of statistical software*
Academic English Reading
Psychology of Language
Advanced Cognitive Psychology
Introductory Open Sciences
* My courses start teach transparent and reproducible practices
since 2017.

學術專長技術

Experimental design and execution: C, C++, DMDX, Open
Sesame(local), Gorilla(clouded), Psytoolkit(clouded)
Data analysis: SAS, R, Excel, google sheet
Bibliography: Endnote, Mendeley, Zotero
Computational model simulation: Matlab, PDP++
Reproducible Analysis and Summary: Rmarkdown extensions, JASP,
jamovi

發表紀錄

1. 學術期刊、專書文章

Chen, S.-C., de Koning, B., & Zwaan, R. A. (in press). Does Object Size Matter with Regard to the Mental Simulation of Object Orientation? *Experimental Psychology*. [Preprint]. doi: 10.17605/OSF.IO/A3VWC

Colling, L., Szucs, D., De Marco, D., Cipora, K., Ulrich, R., Nuerk, H.-C., ..., **Chen, S.C.**, ...McShane, B. (in press) A multilab preregistered Replication of the attentional SNARC effect. *Advances in Methods and Practices in Psychological Science*.

Moshontz, H., Campbell, L., Ebersole, C. R., IJzerman, H., Urry, H. L., Forscher, P. S., ..., **Chen, S.C.**, ... Chartier, C. R. (2018).

The Psychological Science Accelerator: Advancing Psychology Through a Distributed Collaborative Network. *Advances in Methods and Practices in Psychological Science*. doi: 10.1177/2515245918797607

Lakens, D., Adolphi, F. G., Albers, C. J., Anvari, F., Apps, M. A. J., Argamon, S. E., ..., **Chen, S.C.**, ... Zwaan, R. A. (2018). Justify your alpha. *Nature Human Behaviour*, 2(3), 168–171. doi: 10.1038/s41562-018-0311-x

陳紹慶 (2017)。本土「權力姿態效應」之研究品質－從文獻探討及資料核實辨識劣質科學。科學與人文研究，5(1)，85-96。doi:10.6535/JSH2017115106

Chen, S.C. (2016). Masked Repetition Effects of Chinese Compound Words. *Journal of Kaohsiung Behavioral Sciences*, 5, 115-138.

Chen, S.C. & Hu, J. F. (2015). Cognitive Aspects of Regularity Exhibit When Neighborhood Disappears. *Journal of Psycholinguistic Research*. 44(6), 803-817. doi: 10.1007/s10936-014-9320-8

Chen, S.C. (2013). Perspectives and Approaches for Psychological Researches of Embodied Cognition. *Chinese Journal of Psychology*, 55, 405-416. doi:10.6129/CJP.20130410a

Chen, S.C. & Lin, M. Y. (2012). Information Pool for Psycholinguistic Experiments: Ideas and Pilot Studies. *Research in Applied Psychology*, 56, 135-163.

Chen, S.C. (2008). Neighborhood Characteristics and Phonetic-sound Correspondence of Chinese Characters. *Chinese Journal of Psychology*, 50, 223-239.

Chen, S.C. (2008). Nature of consistency effect in naming non-phonetic phonograms. *Language and Linguistics*, 9, 161-175.

Liu, I. M., Sue, I. R., **Chen, S.C.**, & Chou, T. H. (2007). Sentence-frame frequency effects. *Language and Cognitive Processes*, 22, 661-688.

Liu, I. M., Wu, J. T., Sue, I. R., & **Chen, S.C.** (2006). Phonological mediation in visual word recognition in English and Chinese. In P. Li, L. H. Tan, E. Bates, & O. J. L. Tzeng (Eds.), *Handbook of*

East Asian Psycholinguistics: Chinese (pp. 218-224). USA: Cambridge University Press.

- Liu, I.M., **Chen, S.C.**, & Sue, I. R. (2003). Regularity and consistency effects in Chinese character naming. *Chinese Journal of Psychology*, 45, 29-46.
- Liu, I. M., Sue, I. R., & **Chen, S.C.** (2001). *The phonetic function of Chinese phonetic radicals*. Kaohsiung, Taiwan: Fu-Weng.
- Chen, S.C.** & Liu, I. M. (2000). Functional orthographic units in Chinese character recognition. *Acta Psychologica Sinica*, 32, 13-20.

2. 執行中註冊報告計畫

- Chen, S.C.**, Szabelska, A., Chartier, C. R., Kekecs, Z., Lynott, D., Bernabeu, P., ... Schmidt, K. (2018). Investigating Object Orientation Effects Across 14 Languages. [Preprint]. doi: 10.31234/osf.io/t2pju
- Hall, B., Wagge, J., Chartier, C. R., Pfuhl, G., Stieger, S., Vergauwe, E., ... **Chen, S.C.**, ... Grahe, J. (2018). Accelerated CREP - RRR: Turri, Buckwalter, & Blouw (2015). [Preprint]. doi: 10.31234/osf.io/zeux9
- Jones, B. C., DeBruine, L. M., Flake, J. K., Liuzza, M. T., Antfolk, J., Arinze, N. C., ... **Chen, S.C.**, ... Coles, N. A. (2018). To Which World Regions Does the Valence-Dominance Model of Social Perception Apply? [Preprint]. doi: 10.31234/osf.io/n26dy

3. 公開演講

Talk titled: 'Talk about Replication Crisis in Psychology and Potential Solutions' Invited Talk at National Dong Hwa University (2019, Oct)

Talk titled: 'Quality and Integrity of Science Researches' Invited Talk at National Cheng Kung University, Tainan, Taiwan (2018, Aug)

Talk titled: 'Masked Repetition Effects of Chinese Compound Words Interact with Word Frequency because of Properties of Compounds', Lunch Time Seminar at Tzu-Chi University, Taiwan, Taiwan. (2013, May)

Talk titled: 'Masked Repetition Effects of Chinese Compound Words

Interact with Word Frequency because of Properties of Compounds', Friday Teatime Seminar at National Cheng Kung University, Taiwan. (2013, Apr)

Talk titled: 'Regularity Effect in Chinese Characters Reading', Lunch Time Seminar at Tzu-Chi University, Taiwan, Taiwan. (2011, Jan)