

吳佳芸 (Bethany C. Y. Wu) 博士

履歷日期:2021 年 1 月

聯絡資訊

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學歷

英國 Bangor 大學 心理學博士(Ph. D.)	2006.09.-2010.12.
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主修: 認知神經科學

英國 Bangor 大學 心理學碩士 (M Sc.)	2004.09.-2005.09.
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主修: 實驗心理學

臺灣 國立暨南國際大學	1999.09.-2003.01.
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主修:社會政策與社會工作學系

工作經歷

國立臺灣科技大學企業管理系	2020.09.-迄今.
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博士後研究員 (全職)

-運用腦電波和眼動儀探討不同廣告操弄的認知歷程

臺北醫學大學健康資訊科技國際研究中心	2019.02.-2020.07.
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博士後研究員 (全職)

-教育部產業創新研發-人工智慧醫療應用研發人才與產業橋接計畫

-科技部價創計畫-智慧型藥物安全系統發展與臨床導入

經濟部工業局 AI 智慧應用服務發展環境推動計畫	2019.03.-2019.10.
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助理研究員 (兼職)

-藥事服務智能化需求調查: 公私立醫院、服務病友團體、醫療相關

產業及藥廠 KOL 深度訪談並撰寫 AI 藥事服務智能化需求白皮書

戰國策傳播集團：順律國際顧問股份有限公司 2017.08.-2018.09.

副總監 (全職)

- 社會政策研究、生醫產業趨勢分析
- 台灣高齡化政策暨產業發展協會年度活動規劃與執行
- 臺灣病友聯盟年度活動規劃與執行

國立政治大學 心智、大腦與學習研究中心 2011.03.-2016.12.

博士後研究員 (全職)

- 台灣心智科學腦造影中心建置與服務計畫
- 認知實驗室管理、研究規劃和執行

Bangor 大學心理學學院 2006.10.-2009.06.

助教 (兼職)

- 普通心理學及心理學研究方法分組教學與討論

Bangor 大學英語教育學習中心 2008.10.-2009.06.

講師(兼職)

- 心理學導論課程規劃與教學

國立臺灣大學 護理學系 2005.10.-2006.08.

研究助理 (全職)

- 精神分裂症、憂鬱症及 HIV 病毒感染者的生活品質調查
-

研究專長

記憶相關研究

- 工作記憶、內外隱長期記憶對人臉及情緒刺激的認知歷程

認知神經科學

- 認知神經科學工具(EEG/MRI/Eye-Tracker)於跨領域研究上的應用

臨床心理學

- 臨床神經心理學、精神心理衛生及健康心理學
-

學術獎勵

中央研究院腦磁波實驗室研究經費	2011
Bangor 大學心理學學院博士班獎學金	2006-2010
國立暨南大學社會政策與社會工作學系書卷獎	2001

研究參與經歷

主持人	計畫名稱	參與研究之工作內容
李友專	教育部產業創新研發-人工智慧醫療應用研發人才與產業橋接計畫	人工同理心 Artificial Empathy 研究:資料蒐集與分析、倫理審查申請與報告撰寫、撰寫研究成果與期末報告
	科技部價創計畫-智慧型藥物安全系統發展與臨床導入	代表北醫 spin-off: 醫守科技股份有限公司接受新創團隊「營運規劃、撰寫 Business Plan、股權架構與財務規劃、領導人特質」等訓練課程,並參與 Astra Zeneca 國際生醫加速器計畫
楊軒佳	經濟部工業局 AI 智慧應用服務發展環境推動計畫	藥事服務智能化需求訪談:公私立醫院藥劑部、病友團體、醫療相關產業及國內外藥廠 KOL 深度訪談;並撰寫藥事服務智能化需求白皮書
顏乃欣	心智科學大型研究設備共同使用服務計畫:台灣心智科學腦造影中心	協助人文社會科學老師進行認知神經科學跨領域研究、定期舉辦教育訓練課程、實驗室參訪與說明
	基本數學運算能力高低者的乘法運算_策略選擇與大腦認知負荷之研究	協助研究設計、資料蒐集與分析
熊秉荃	精神分裂症、憂鬱症及 HIV 病毒感染者的生活品質調查	臨床資料蒐集與分析、研究經費使用規劃與核銷

Bethany C. Y. Wu, Ph.D.

Curriculum Vita

January 2021

EDUCATION

Ph.D. at Bangor University, United Kingdom	2006.09-2010.12.
<i>Cognitive Neuroscience</i>	
- The role of working memory as the pathway to long-term memory: Electrophysiological investigation of encoding and retrieval processes.	
MSc at Bangor University, United Kingdom	2004.09-2005.09.
<i>Psychological Research</i>	
- Visual short-term memory for emotional faces.	
BA at National Chi Nan University, Taiwan	1999.09-2003.01.
<i>Social Policy and Social Work</i>	
- Case study on combined domestic violence and child abuse impact.	

WORKING EXPERIENCES

Department of Business Administration, NTUST	2020.09-Current.
<i>Postdoctoral Research Officer (Full-time)</i>	
- Cognitive processes underlying manipulated advertisements revealed by EEG and eye-tracker.	
International Center for Health Information Technology, TMU	2019.02-2020.07.
<i>Postdoctoral Research Officer (Full-time)</i>	
- Artificial Empathy research project - TMU spin-off: AESOP Technology	
Industrial Development Bureau, Ministry of Economic Affairs	2019.03-2019.10.
<i>Assistant Research Officer (Part-time)</i>	
- Domestic needs on Health Industry for Pharmaceutical Service using AI	
Jet-Go Consulting Group—Soundline Consulting	2017.08-2018.09.
<i>Vice Director (Full-time)</i>	
- Health policy analyses for International Research-Based Pharmaceutical Manufacturers Association (IRPMA). - Organize Taiwan Alliance for Patients' Organization (TAPO) annual events. - Organize Active Aging Association (AAA) annual events.	

Research Center for Mind, Brain & Learning, NCCU	2011.02-2016.12.
Postdoctoral Research Officer (Full-time)	
- Taiwan Mind & Brain Imaging Center service project. - MRI and MEG establishment and service project. - Cognitive neuroscience research on memory and emotion.	
School of Psychology, Bangor University	2006.10-2009.06.
Teaching Assistant (Part-time)	
- Teaching Introduction to Psychology - Research Design Small Group Practice	
English Language Centre for Overseas Students (ELCOS), Bangor University	2008.10-2009.06.
Module Organizer (Part-time)	
- Teaching Foundation Psychology	
Department of Nursing, National Taiwan University	2005.10-2006.08.
Research Assistant (Full-time)	
- Quality of life research on patients with schizophrenia, depression and HIV infection.	

LANGUAGE ABILITY

Native speaker in Mandarin Chinese, Fluent in English

SPECIALITY

Memory Research

Working and long-term (explicit/implicit) memory and the cognitive processes underlying human faces and emotional stimuli

Cognitive Neuroscience

Research Methods including EEG, MRI, and Eye-Tracker

Clinical Psychology

Clinical Neuropsychology, Abnormal Psychology, Health Psychology

JOURNAL ARTICLES

Wu, B. C. Y., Wu, Y. J., Lee, C. N., Yen, N. S. (2016). Understanding gender differences revealed by event-related potentials in processing positive and bloody pictures. *Chinese Journal of Psychology*, 58(3), 207-216. [TSSCI]

- Hsiung, P. C., Fang, C. T., Lee, K. L., Sheng, W. H., **Wu, C. Y.**, Wang, J. D., & Yao, G. (2011). Validation of the medical outcomes study HIV (MOS-HIV) health survey among HIV-infected patients in Taiwan. *Quality of Life Research*, 20, 281-286. [SCIE/SSCI, Health Care Science & Service, Impact Factor 2.773, Five-Year Impact Factor 3.104]
- Jackson, M. C., **Wu, C. Y.**, Linden, D. E. J., & Raymond, J. E. (2009). Enhanced visual short-term memory for angry faces. *Journal of Experimental Psychology: Human Perception and Performance*, 35(2), 363-374. [SCIE/SSCI, Psychology-Experimental 30 of 87, Impact Factor: 2.450, Five-Year Impact Factor 2.671.]

CONFERENCE PROCEEDINGS

- Wu, B. C. Y.**, Wu, Y. J., & Yen, N.-S. (2015). Implicit Memory: How emotion and evolution affect data-driven priming. *International Convention of Psychological Science*, Amsterdam, The Netherlands.
- Wu, B. C. Y.**, Linden, D. J. E., & Boehm, S. G. (2013). MEG evidences for dissociations of working and episodic memory. *Cognitive Neuroscience Society Annual Meeting*, San Francisco, U.S.A.
- Yen, N.-S., Lee, C.-N., Lee, W. L., & **Wu, B. C. Y.** (2013). Event-related potentials reveal gender differences in processing positive and bloody pictures. *Cognitive Neuroscience Society Annual Meeting*, San Francisco, U.S.A.
- Huang, S. T. T., Lee, M. C., & **Wu, B. C. Y.** (2012). ERP study on categorical perception of happiness and fear facial expressions. *Cognitive Neuroscience Society Annual Meeting*, 82-83, Chicago, U.S.A.
- Wu, B. C. Y.**, Linden, D. J. E., Klein, C., & Boehm, S. G. (2010). Working memory is not the pathway to the creation of long-term memory. *Cognitive Neuroscience Society Annual Meeting*, Montreal, Canada.
- Wu, B. C. Y.**, Linden, D. J. E., Klein, C., & Boehm, S. G. (2009). Working memory and episodic memory: Event-related potential evidence for dissociations of encoding and retrieval. *Cognitive Neuroscience Society Annual Meeting*, San Francisco, U.S.A.

WORKING MANUSCRIPT

Wu, B. C. Y., Klein, C., & Linden, D. E. J. (Submitted). Dissociation between working and episodic memory indicated by electrophysiological and performance data.

Wu, B. C. Y., Klein, C., & Linden, D. E. J. (Submitted). MEG and ERP evidence for double dissociations of working and episodic memory.

Huang, C.-W., **Wu, B. C. Y.,** Lee, P. C., Yang, H.-C., & Li, Y. C. J. (Under preparation). Patients do feel happier after the doctor's appointment: Evidence from Artificial Empathy.

Wu, B. C. Y. & Yen, N.-S. (Under preparation). Implicit Memory: The role of valence and arousal on data-driven priming.

Wu, B. C. Y., Linden, D. E. J., Klein, C., & Boehm, S. G. (Under preparation). Working memory does not enhance data-driven priming.