

Sinead Hsi-Yi Chen

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Employment History

2022 – present	Chef Executive Officer	Science Media Center Taiwan, Taiwan
2021 – 2022	Postdoctoral researcher	The Graduate Institute of Journalism, National Taiwan University, Taiwan
2018 – 2021	Postdoctoral researcher	Risk Society and Policy Research Center, National Taiwan University, Taiwan
2017	Research Assistant PI: Prof Sophie Scott	Institute of Cognitive Neuroscience, University College London, United Kingdom

Education

2013 – 2017 PhD in Psychology and Language Sciences, University College London, United Kingdom
2005 – 2007 MSc in the Institute of Cognitive Neuroscience, National Central University, Taiwan
2001 – 2005 B.S. in Psychology, Chung Yuan Christian University, Taiwan

Scholarship

2013 – 2016 Taiwan Government Scholarship - 3 years to support PhD studies
2005 – 2007 Ministry of Science and Technology Graduate Research Assistant Subsidy in Taiwan

Presentations and Invited talks

08/2021 How to communicate science? Scientists, Journalists, News, and social media (Board discussion at Taiwan Science, Technology and Society Association 2021, online)

- 07/2021 How to create a breeding ground for scientific misinformation? The distance between scientific facts and rumours (oral presented on online discussion forum host by The Research Institute for the Humanities and Social Sciences)
- 07/2020 Science Media Center Taiwan - Action Research Reshaping the Science Media Environment. (Board discussion at Taiwan Science, Technology and Society Association 2020 in Hsin-chu)
- 04/2019 Risk perception and attitude change of people participating in offshore wind power VR news experience (poster at Taiwan Science, Technology and Society Association 2019 in Kaohsiung)
- 08/2016 Neural mechanisms for the perception of voluntary and involuntary emotional vocalisations (poster at Society for the Neurobiology of Language [SNL] 2016 in London)
- 04/2016 Developmental changes in the perception of emotional vocalizations (poster at Cognitive Neuroscience Society [CNS] 2016 in New York)
- 11/2015 Donders Discussion: Developmental changes in the perception of emotional vocalizations (talk at Donders institute)
- 10/2015 Developmental changes in the perception of emotional vocalizations vocalisations (poster at Society for the Neurobiology of Language [SNL] and Society for Neuroscience [SFN] 2016 in Chicago)
- 04/2015 Listen to tears: perceptual and physiological differences between genuine and voluntary emotional vocalizations (poster at Cognitive Neuroscience Society [CNS] 2015 in San Francisco)
- 11/2014 Listen to tears: perceptual and physiological differences between genuine and voluntary emotional vocalizations (poster at Society for Neuroscience [SFN] 2014 in Washington)
- 08/2014 Believe my tears: perceptual and physiological differences between genuine and voluntary emotional vocalizations (poster at Society for the Neurobiology of Language [SNL] 2014 in Amsterdam)

Public engagement during PhD training

- 07/2017 **Summer Science Exhibition held at the Royal Society** – Volunteering at an exhibit about voice production and perception, engaging varied audience in a hands-on experience of scientific research.
- 06/2016 **BBC: Horizon** – Assisting Prof. Scott to show breath changes of few participants while they were breathing and laughing.

- 06/2015 **School event** – Collect data and explain how the breath belt works with speech and laughter to a hundred 14-year-old children.
- 04/2015 **Science Museum: Life Science** – Conducting, explaining and discussing scientific experiments to all-ages visitors at the Science Museum.
- 01/2015 **INSPIRE PE event hold by The Royal Institute.** Topic: Good listeners and smooth talkers: Spoken communication in a challenging world. – Showing the techniques of recording galvanic skin response and breath rate to the public.

Publications

Pinheiro Ana P., Anikin Andrey, Conde Tatiana, Sarzedas João, Chen Sinead, Scott Sophie K. and Lima César F. (2021). Emotional authenticity modulates affective and social trait inferences from voices. *Phil. Trans. R. Soc.* B3762020040220200402 <http://doi.org/10.1098/rstb.2020.0402>

Cosme, G., Rosa, P.J., Lima, C.F., [Tavares](#), V., Scott, S., [Wilcockson](#), T. D. W., [Crawford](#), T. J. & Prata, D. (2021). Pupil dilation reflects the authenticity of received nonverbal vocalizations. *Sci Rep* **11**, 3733. <https://doi.org/10.1038/s41598-021-83070-x>

Kao, P., Chen, S., Hsu, M., Liou, H., Chou, K. (2020). Experts, Media, and the Public: Science Media Center Taiwan as an Approach to Communicate Science and Risk. *Journal of Communication Research and Practice*, 10(1), pp. 51-78, January 2020

Cai, Q., Chen, S., White, S. J., & Scott, S. K. (2019). Modulation of humour ratings of bad jokes by other people's laughter. *Current Biology*, 29(14). doi: 10.1016/j.cub.2019.05.073

Saloni Krishnan, César F Lima, Samuel Evans, **Sinead Chen**, Stella Guldner, Harry Yeff, Tom Manly, Sophie K Scott; Beatboxers and Guitarists Engage Sensorimotor Regions Selectively When Listening to the Instruments They can Play, *Cerebral Cortex*, Volume 28, Issue 11, 1 November 2018, 4063–4079

Chen, H.-Y., Chang, E. C., **Chen, S. H. Y.**, Lin, Y., & Wu, D. H. (2016). Functional and anatomical dissociation between the orthographic lexicon and the orthographic buffer revealed in reading and writing Chinese characters by fMRI. *NeuroImage*, 129, 105–116.

Meekings, S., Boebinger, D., Evans, S., **Chen, S.**, Ostarek, M. and Scott, S. K. (2015). Do we know what we are saying? *Psychological Science*, 26 (12), 1975-1977.

Scott SK, Lavan N, **Chen S** & McGettigan C (2014). The social life of laughter. *Trends in Cognitive Sciences*, 18(12), 618-620.