

Contact

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Academic employment and affiliations

Assistant professor of instruction	Department of Communication Sciences & Disorders Temple University, Philadelphia, PA	2016-
Adjunct instructor	Department of Communication Sciences & Disorders Temple University, Philadelphia, PA	2016 Jan-May
Postdoctoral Fellow	Eleanor M. Saffran Center for Cognitive Neuroscience Department of Communication Sciences & Disorders Temple University, Philadelphia, Pennsylvania (PI: Jamie Reilly, Ph.D.)	2015-2016

Education

Ph.D., Speech, Language, and Hearing Sciences University of Florida, Gainesville, Florida Advisor: Jamie Reilly, Ph.D. Dissertation: Modality-Specific Semantic Processing of Action Concepts: An Eyetracking Investigation	2010-2015
M.S., Speech language Pathology University of Tennessee Health Science Center, Memphis, Tennessee Advisor: Kristin King, Ph.D, CCC-SLP Thesis: Semantic Processing Differences: Picture versus Word Categorization Skills in a TBI population	2007-2010
B.A., Foreign Languages and Literature National Cheng Kung University, Tainan, Taiwan	2002-2006

Research and clinical experience

<i>Research Associate/Clinical Technician</i> , Memory, Concepts, Cognition Lab Temple University, Philadelphia, PA (Director: Jamie Reilly, Ph.D.) <ul style="list-style-type: none">Structured language intervention for patients with AD and FTDEyetracking investigation on naming in patients with dementiasNeuromodulation (tDCS) as an adjuvant to language intervention	2014-2016
<i>Graduate Research Assistant</i> , Cognition and Language Lab University of Florida, Gainesville, FL (Supervisor: Jamie Reilly, Ph.D.) <ul style="list-style-type: none">Eyetracking investigation on picture superiority effectWord concreteness effect across eight languagesAnatomical tracing on post-stroke patients using ITK-snap	2010-2014
<i>Lab rotation</i> , Aphasia and Bilingual Research Lab University of Florida, Gainesville, FL (Supervisor: Lisa Edmonds, Ph.D.) <ul style="list-style-type: none">Eyetracking investigation on semantic processing for action vs. object concepts	2012-2013

Honors & awards

- Google developer challenge scholarship, Grow with Google, 2018 recipient
- Graduate Assistantship, Department of Speech, Language, and Hearing Sciences, UF, 2010-14
- Graduate student travel grant, Graduate Student Council, UF, 2014
- Certificate of outstanding academic achievement, UF International Center, 2010, 2011

Academic society

- Society for the Neurobiology of Language 2015-
- Speech-Language-Hearing Association of Taiwan 2010-

Research interest

- Semantic memory and language processing
- Semantically guided visual search
- Neurogenic language disorders and rehabilitation

Journal articles

1. Binney RJ, Ashaie SA, Zuckerman BM, **Hung J**, & Reilly J (2018, in press). A combined neurostimulation and eyetracking investigation of semantically-guided visual search in confrontation naming. *Brain & Language*.
2. Binney RJ, Zuckerman BM, Waller H, **Hung J**, Ashaie SA, & Reilly J (2018). Cathodal tDCS of the bilateral anterior temporal lobes facilitates semantically-driven verbal fluency. *Neuropsychologia*. doi: 10.1016/j.neuropsychologia.2018.01.009
3. **Hung J**, Bauer A, Grossman M, Coslett HB, Hamilton RH, & Reilly J (2017). Semantic feature training in combination with transcranial direct current stimulation (tDCS) for progressive anomia. *Frontiers in Human Neuroscience*. doi: 10.3389/fnhum.2017.00253
4. **Hung J**, Reilly J, & Edmonds L (2016). Words Speak Louder than Pictures for Action Concepts: An Eyetracking Investigation of the Picture Superiority Effect in Semantic Categorization. *Language, Cognition and Neuroscience*.
5. Reilly J, **Hung J**, & Westbury C (2016). Non-Arbitrariness in Mapping Word Form to Meaning: Cross-Linguistic Formal Markers of Word Concreteness. *Cognitive Science*. doi: 10.1111/cogs.12361
6. Reilly J, Harnish S, Garcia A, **Hung J**, Rodriguez A, & Crosson B (2014). Lesion correlates of generative naming of manipulable objects in aphasia: Can a brain be both embodied and disembodied? *Cognitive Neuropsychology*, 31(4), 1-26.

Book chapters

1. Reilly, J & **Hung, J** (2013). Communication in the dementias. In L. Cummings (Ed.), *The Cambridge Handbook of Communication Disorders*. Cambridge, UK. Cambridge University Press.

Abstracts & Conference proceedings

1. Reilly, J, Troche, J, Paris, A, **Hung, J**, & Garcia, A (September, 2012). Looking for names in all the wrong places? An eyetracking analysis of visual confrontation naming in Alzheimer's Disease and Semantic Dementia. Poster presented at the 8th International Conference on Frontotemporal Dementias. Manchester, U.K.

Presentations

1. Ungrady M, **Hung J**, Grossman M, & Reilly J (February, 2018). Predicting lexical dropout in progressive semantic anomia. Poster presented at the International Neuropsychological Society Conference. Washington DC.
2. **Hung J**, Kelly A, & Reilly J (October, 2015). An eyetracking investigation of semantic access for action concepts: Effects of representational input modality and concurrent motor execution. Poster presented at the Neurobiology of Language Conference. Chicago, IL.
3. Bauer A, **Hung J**, Grossman M, & Reilly J (October, 2015). Eyetracking reveals aberrant visual search during confrontation naming of Alzheimer's Disease and Primary Progressive Aphasia. Poster presented at the Academy of Aphasia, Tucson, AZ.
4. Garcia, A, **Hung, J**, & Reilly, J (August, 2014). Effects of age of acquisition and familiarity on semantic memory. Poster presented at the Society for the Neurobiology of Language Conference. Amsterdam, Netherlands.

5. **Hung, J**, Reilly, J, & Edmonds, L (February, 2014). An eyetracking investigation of semantic associative among static actions and objects. Poster presented at the International Neuropsychological Society Conference. Seattle, Washington, 2014.
6. Garcia, A, Paris, A, Troche, J, **Hung, J**, & Reilly, J (October, 2012). Naming across modalities in patients with Semantic Dementia, Progressive Nonfluent Aphasia, and Alzheimer's Disease. Poster presented at the Neurobiology of Language Conference. San Sebastian, Spain.
7. Valentine, D, Chung, N, Hederick, M, **Hung, CI**, & Yu, TJ (November, 2008). Remediation of Lateralized Sounds in English (L2) & Its Generalization to Chinese (L1). Poster presented at the American Speech-Language-Hearing Association (ASHA) Convention. Chicago, IL.

Advanced coursework

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| • NIMH Non-Invasive Brain Stimulation E-Field Modeling Workshop | Nov 11, 2017 |
| • fMRI Design and Analysis Workshop | Summer 2017 |
| ◦ Neurometrika (Instructor: Tom Zeffiro, M.D., Ph.D.) | |
| • Neurohacking in R | Summer 2016 |
| ◦ Coursera; certified (Johns Hopkins University) | |
| • Principles of fMRI 1&2 | Fall 2015 |
| ◦ Coursera; certified (Johns Hopkins University & U of Colorado Boulder) | |
| • Analyzing Repeated Measures Data: GLM and Mixed Model Approaches | Fall 2013 |
| ◦ The Analysis Factor online workshop | |

Peer review activities

Journal of Neurolinguistics	2017
Cambridge University Press, book proposal review	2017
Journal of the International Neuropsychological Society	2016
American Journal of Speech-Language Pathology	2011, 2014

Teaching experience

Human Neuroscience (CSCD 3235)	Temple	Spring	2017
Speech and Language Development (CSCD 3301)	Temple	Fall	2016-recurring
Language and the Brain (CSCD 2049)	Temple	Spring	2016-recurring
Language Breakdown and the Brain (SPA 2019)	U of Florida	Fall 13 (TA), Summer 14	

Thesis committees (com = committee)

(MA) Victoria Rodriguez	Temple	com	Adjective ordering effects in visual search	2017
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Service

- Graduate program coordinator, Communication Sciences & Disorders, Temple, Fall 2016 - present
- Clinical translator (Mandarin), TU Speech-Language-Hearing Center, Fall 2016 - present
- Poster judge, Graduate Student Research Day, University of Florida Graduate Student Council, 2013
- Department representative, University of Florida Graduate Student Council, 2013-2014
- Volunteer, Gainesville Caregiver Conference, Alzheimer's Association (central & north FL), 2012

Skill

- R (data visualization and statistical modeling), Eprime, SMI Red Eyetracker, ITK-Snap, MRICroGL, SPM