

Cindy Chiang

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SUMMARY

I am a psychologist with 9+ years of research experience in quantitative and qualitative methods. I work with large data sets as well as manage multiple projects, budgets, and interdisciplinary collaborations.

EDUCATION

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| University of Southern California | Los Angeles, California |
| <i>Ph.D in Psychology and Minor in Quantitative Methods</i> | <i>August 2016-May 2022</i> |

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| Smith College | Northampton, Massachusetts |
| <i>Bachelor in Psychology</i> | <i>2010-2013</i> |

RESEARCH EXPERIENCE

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| University of Southern California | Los Angeles, California |
| <i>Graduate Researcher in the Department of Psychology</i> | <i>August 2016-Present</i> |

- Finance multi-disciplinary and multi-year primary and secondary research with grants from the National Science Foundation (NSF) and 3 USC awards
- Conceptualize, design, and collect data for 7 lines of primary research with over 700 infants, children, and adults and 3 lines of secondary research with large text and audio databases
- Utilize in lab and online eye-tracking, reaction time measures, and mouse-tracking to examine effects of attention, memory, and cognitive control on abilities to detect patterns and process speech
- Analyze quantitative and qualitative data sets using Bayesian, frequentist, robust methods, and big data techniques (e.g. multilevel modeling, supervised models, etc.) with R
- Collaborate with psychologists, linguists, and computer scientists to synthesize and present findings in 8 internationally attended conferences and 2 first author conference proceedings
- Recruit and manage day-to-day operations of 17 research assistants

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| Massachusetts General Hospital | Boston, Massachusetts |
| <i>Clinical Research Coordinator I and II</i> | <i>January 2015-March 2016</i> |

- Investigated validity of early screening practices and preventative models of care
- Analyzed over 75,000 patients records and hundreds of survey responses using SPSS and STATA
- Communicated findings in 2 internationally attended conferences and 3 peer-reviewed publications

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| Smith College | Northampton, Massachusetts |
| <i>Research Assistant/ Independent Researcher</i> | <i>January 2011-May 2013</i> |

- Awarded grant to conduct independent project investigating language development of 144 Mandarin speaking children across 7 preschools in Taiwan
- Presented findings in 2 university wide conferences and 1 internationally attended conference

ADDITIONAL EXPERIENCE

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| Jowett Group | Los Angeles, California |
| <i>Supply Chain Coordinator and Product Developer</i> | <i>January 2014-December 2014</i> |

- Analyzed garment manufacturing firm's processes to streamline production line flow to meet trend forecasting demands of Nike and Under Armour (over 450,000 pieces per month)
- Refined apparel design to meet desired production costs and customer demands for brand aesthetics and comfort

SKILLS

- **Statistical Programs and Programming Languages** - R, SPSS, Stata, JavaScript, HTML, Python, LaTeX
- **Software** - Adobe Photoshop, Praat, PyGaze, PsychoPy, OpenSesame, Microsoft Suite (VBA, Macro Programming)
- **Languages** - English (Native); Chinese/ Mandarin (Native)