

Naomi T. Lin
ntlin@ucsd.edu

RESEARCH INTEREST

Early cognitive and brain development translations to early childhood education and implications on early educational disparities across race, gender, and social classes; music cognition and impacts on learning and development.

EDUCATION

- 2019- 2024 **University of California, San Diego**
Ph.D. in Education Studies and Cognitive Science
Dissertation: Music as a Component for Strengths Based Learning in Early Development
Committee: Dr. Alison Wishard-Guerra (co-chair), Dr. Timothy T. Brown (co-chair), Amanda Datnow, Terry Jernigan, John Iversen
- 2014-2018 **University of California, San Diego**
B.S. in Cognitive and Behavioral Neuroscience
B.A. in Music

RESEARCH EXPERIENCE

- 2023-2024 **Teaching and Learning Commons at UCSD**
Role: Graduate Student Researcher with Dr. April Yan
- 2023 **Center for Research on Educational Equity, Assessment & Teaching Excellence (CREATE) at UCSD**
Role: Graduate Student Researcher with Dr. Monica Sweet
- 2022- 2023 **Early Childhood Learning & Development at WestEd**
Role: Assessment and Research Ph.D. Intern
- 2021-2022 **the Conscious Kid**
Role: Research Consultant
- 2021-2022 **Center for Research on Educational Equity, Assessment & Teaching Excellence (CREATE) at UCSD**
Role: Graduate Student Researcher with Dr. Monica Sweet
- 2018- current **New Vistas Project**
Role: Graduate Student Researcher with Dr. Tim Brown and Dr. Alison Wishard, Research Associate (2018-2019)

TEACHING EXPERIENCE

University of California San Diego, Teaching Assistant

Spring 2023	EDS 115 Cognitive Development and Education
Winter 2023	EDS 115 Cognitive Development and Education
Fall 2022	EDS 131 Early Child Development & Education
Spring 2017	COGS 1 Introduction to Cognitive Science

PEER-REVIEWED JOURNAL ARTICLES

1. **Lin, N.T.** (in progress). Efficacy of Music Interventions on Promoting Early Academic and Cognitive Development: An Interdisciplinary Systematic Review. *Brain Sciences Special Issue "The Role of Sounds and Music in Emotion and Cognition"*.
2. Jiang, Y., Wishard-Guerra, A., **Lin, N.T.**, et.al. (under revisions) Less May be More: Parental Scaffolding Styles in Co-constructed Narratives and School-aged Children's Executive Function in Diverse Populations. *Early Education and Development*.
3. **Lin, N.T.**, Parra, H., Brown, T.T., et.al. (under review) Early childhood vocal pitch matching: Associations with developing cognitive and academic skills and socioeconomic status. *Child Development*
4. Brown, T.T., **Lin, N.T.**, et.al. (under review) Simple singing skills in early childhood are a relative cognitive strength among low academic performers. *International Journal of Music in Early Childhood*.
5. **Lin, N.T.**, Molgaard, M., Wishard-Guerra, A., Cohen, S. (May 2023) Young Children and Families' Home Literacy and Technology Practices Before and During COVID-19". *Journal of Early Childhood Research*. <https://doi.org/10.1177/1476718X231164132>
6. Binder, F.J., Jones, C.R., **Lin, N.T.**, et.al. (July 2021). Cognitive cost and information gain trade off in a large-scale number guessing game. *Cognitive Science*.
7. Agrawal, T., Schachner, A., **Lin, N.T.**, et.al. (July 2020). Hearing Water Temperature: Characterizing the development of nuanced perception of auditory events. *Cognitive Science*. Preprint. <https://doi.org/10.31234/osf.io/eb9pj>

FELLOWSHIPS AND GRANTS

2023	UCSD Spring Travel Grant Awarded: \$300
2022	UCSD Education Studies Diversity Fellowship Awarded: \$2,000
2020	UCSD Education Studies Summer 2020 Research Fellowship Awarded: \$5,000
2018-2020	Chancellor's Interdisciplinary Collaboratories Fellowship Awarded: \$62,500
2017	Kappa Alpha Theta Zeta Rho Chapter Grant Awarded: \$1,125

AWARDS

2019	National Science Foundation GRFP Honorable Mention
2018	University of California San Diego Integrity Award
2018	Semi Finalist of Fulbright Scholarship
2015- 2018	University of California San Diego Provost Honors

PEER REVIEWED PRESENTATIONS

1. **Lin, N.T.**, Wishard, A., Brown, T., et. al., (June 2024) Music and Arts Engagement: COVID-19 Support in Early Development. *National Research Conference on Early Childhood*.
2. **Lin, N.T.**, (April 2023) Efficacy of Music Interventions on Promoting Early Academic and Cognitive Development: An Interdisciplinary Systematic Review. *American Educational Research Association*.
3. Jiang, Y., Wishard, A., **Lin, N.T.**, et al. (March 2023). Does Child Vocabulary Mediate the Relationship Between Parental Sensitivity and Child Executive Function? A Mixed Picture. *Society for Research on Child Development Biennial Meeting*.
4. Molgaard, M., Wishard, A., **Lin, N.T.**, et al. (March 2023). Colorblind or Color-Conscious: Parent Responses to Young Children’s Inquiries of Racial Injustice. *Society for Research on Child Development Biennial Meeting*.
5. **Lin, N.T.**, Wishard-Guerra, A., Brown, T., et al. (September 2022) “Longitudinal Characterization of Parents’ Perceptions on 5 to 6 year old’s Cognitive and Music Skills”. *Society for Research on Child Development A Presidential Special Topics Meeting: Toward a Holistic Developmental Science*. Poster Presentation.
6. Wishard, A., Cohen, S., **Lin, N.T.**, et al. (April 2022) “Understanding Classroom Language Practices over Time Among Socioculturally Diverse Young Children in Transitional Kindergarten”. *American Educational Research Association*. Poster Presentation.
7. Wishard, A., Molgaard, M. **Lin, N.T.**, et al. (April 2022) “Parent use of Decontextualized language during parent-child play interactions in early elementary school: cultural variations and links to expressive language development”. *Society for Research on Child Development Learning through Play and Imagination*. Poster Presentation.
8. **Lin, N.T.**, Wishard-Guerra, A., Brown, T., et al. (April 2021) “Home Practices during Pre-COVID and COVID Era: Associations with Cognitive Outcomes”. *Society for Research on Child Development Biennial Meeting*. Virtual Poster Presentation.
9. Iverson, J., **Lin, N.T.**, Brown, T., et al. (April 2021) “Early Childhood Musical Abilities: Associations with Developing Cognitive and Academic Performance and Socioeconomic Status”. *Society for Research on Child Development Biennial Meeting*. Virtual Paper Symposium.
10. **Lin, N.T.**, Wishard-Guerra, A., Brown, T., et al. (April 2021). “Early Academic and Cognitive Development in Relation to Parental Support and Engagement in Children’s Learning”. *American Educational Research Association*. Virtual Talk.
11. Wishard, A., Cohen, S., **Lin, N.T.**, et al. (November 2020). “Leveraging a Research Practice Partnership to Transform Teaching and Learning in Early Education”. *ACF National Research Conference on Early Education*, Virtual Talk.

12. **Lin, N.T.**, Jernigan, T., Wishard-Guerra, A., Brown, T., et al. (September 2020). “Early Childhood Cognitive and Academic Performance: Associations with Developing Singing Abilities and Socioeconomic Status.” *Flux International Society for Developmental Cognitive Neuroscience Virtual Congress*. Virtual Talk.
13. Agrawal, T., **Lin, N.T.**, Schachner, A., et al. (July 2020). “Hearing water temperature: Characterizing the development of nuanced perception of auditory events”. *Cognitive Science Society Annual Meeting*, Toronto, Canada. Verbal Talk.

INVITED LECTURES

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| 2023 | Reasoning Development and Executive Function
<i>Cognitive Development and Education, UC San Diego</i> |
| 2023 | Early Language Development
<i>Cognitive Development and Education, UC San Diego</i> |
| 2022 | Executive Function in Early Childhood
<i>Early Child Development & Education, UC San Diego</i> |

INVITED TALKS

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| 2021 | Translational and Clinical Aspects of Cognition
<i>CSSA National Cognitive Science Virtual Conference, UC San Diego</i> |
| 2021 | Using Music to Leverage Learning
<i>Teacher Researcher Collaborative, VUSD</i> |
| 2021 | Home Learning, Classroom Learning, & Equity Perspectives
<i>Teacher Researcher Collaborative, VUSD</i> |
| 2020 | Translational and Clinical Aspects of Cognition
<i>CSSA National Cognitive Science Conference (COVID-19), UC San Diego</i> |

SERVICE

Institution

University of California San Diego

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|-------------|---|
| 2022 - 2023 | PhD Engagement Committee Member, Education Studies |
| 2021 - 2022 | PhD Cohort Representative, Education Studies |
| 2019 - 2020 | EDS Department Representative, Graduate Student Association |
| 2020 | Field Research Mentor, UCSD HDS 191 |
| 2018 | Philanthropy Chair, Kappa Alpha Theta |
| 2016 - 2018 | Director, Women SPEAK |
| 2016 - 2018 | President, Greeks Gone Green |
| 2014 - 2015 | Judicial Board Member, Student Council of Eleanor Roosevelt College |

Community

Taiwan

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| 2014 | English Teacher, Assisting Individuals with Disadvantages Program |
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MEMBERSHIP

American Educational Research Association

Cognitive Science Society

Flux International Congress for Integrative Developmental Cognitive Neuroscience

Society for Research in Child Development