

ANQI HU

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EDUCATION

PhD	University of Delaware Department of Linguistics and Cognitive Science Advisor: Zhenghan Qi	August 2018 – In Progress
MA	University of Delaware Department of Linguistics and Cognitive Science	May 2021
BA	University of Illinois Urbana-Champaign Queen Mary University of London (exchange student) Department of Linguistics Graduated Summa Cum Laude Minored in Speech and Hearing Sciences, Teaching English as a Second Language	May 2018

HONORS AND AWARDS

Unidel Distinguished Graduate Scholar	July 2018 – Current
Society for Language Development Student Award	Nov 2022
Gorilla Experiment Builder Grant (Spotlight Interview)	Feb 2020
College of Arts and Sciences Graduate Student Travel Awards	June 2019
Outstanding Undergraduate Student in Linguistics	May 2018
James Scholar	August 2015 - May 2018
Dean's List	August 2014 - May 2018

PUBLICATIONS

Hu, A., Kozloff, V., Owen Van Horne, A., Chugani, D., & Qi, Z. (2023). Dissociation Between Linguistic and Nonlinguistic Statistical Learning in Children with Autism. *Journal of Autism and Developmental Disorders*, 1-16.

Schneider, J. M., Hu, A., Legault, J., Qi, Z. Measuring Statistical Learning Across Modalities and Domains in School-Aged Children Via an Online Platform and Neuroimaging Techniques. *Journal of Visual Experiment*. (160), e61474, doi:10.3791/61474 (2020).

Schneider, J. M., Weng, Y. L., Hu, A., & Qi, Z. (2022). Linking the neural basis of distributional statistical learning with transitional statistical learning: The paradox of attention. *Neuropsychologia*, 172, 108284. <https://doi.org/10.1016/j.neuropsychologia.2022.108284>

Zinszer, B. D., Hannon, J., Hu, A., Kouadio, A. E., Akpé, H., Tanoh, F., Wang, M., Qi, Z., & Jasińska, K. (2023). Statistical learning and children's emergent literacy in rural Côte d'Ivoire. In-Principle Acceptance at *Developmental Science*. <https://osf.io/preprints/africarxiv/q8k5w/>

Zinszer, B. D., Hannon, J., Kouadio, É., Akpé, H., Tanoh, F., Hu, A., Qi, Z., & Jasińska, K. (In Press). Does non-linguistic segmentation still predict literacy in an L2 education? Statistical learning in Ivorian primary schools. *Language Learning*. DOI: 10.17605/OSF.IO/FTHWC.

CONFERENCE PRESENTATIONS

Hu A., Qi Z., Redmond S., & Franich K. (June 2023). “Selective Attention Facilitates Linguistic Statistical Learning in Autistic Children”. Talk at Annual Symposium on Research in Child Language Disorders" (SRCLD), Madison, WI.

Hu A., Qi Z., Redmond S., & Franich K. (June 2023). “Accommodation to Vocal Pitch in Children with Autism”. Poster at Annual Symposium on Research in Child Language Disorders (SRCLD), Madison, WI.

Hu A., & Qi Z. (March 2023). “Social Learning in School-Aged Children: The Effect of Social Contexts on Word Learning and Retention”. Talk in Paper Symposium: “Observing, Conforming, and Internalizing: How Does Social Learning Occur Across Different Contexts and Cultures?” at Society for Research in Child Development (SRCD), Salt Lake City, UT.

Hu, A., Kozloff, V., & Qi, Z. (March 2023) “Dissociation Between Linguistic and Nonlinguistic Statistical Learning in Children with Autism”. Talk at Meeting On Language in Autism (MoLA), Durham, NC.

Hu A. & Qi Z. (March 2023). “Word learning and retention from overhearing as a resilience factor for vocabulary acquisition in autistic children”. Poster at Meeting On Language in Autism (MoLA), Durham, NC.

Hu, A., Trice, K., Weng, YL., & Qi, Z. (November 2022). “Greater plasticity in the language network in children than adults during statistical learning”. Talk at The 47th Boston University Conference on Language Development (BUCLD). November 3-6, Boston University.

Hu, A., Trice, K., Weng, YL., & Qi, Z. (October 2022). “[Greater plasticity in the language network in children than adults during statistical learning](#)”. Poster at Society for Neurobiology of Language (SNL), Philadelphia, USA.

Hu, A., & Qi, Z. (June 2022) “Dissociated learning processes in the development of statistical learning”. Talk at Interdisciplinary Advances in Statistical Learning. San Sebastian, Spain.

Hu A., Kozloff, V., Owen Van Horne, A., & Qi, Z. (June 2022). “[Disassociation between linguistic and nonlinguistic statistical learning in children with autism](#)”. Poster at International Conference on Interdisciplinary Advances in Statistical Learning, San Sebastian, Spain.

Hu, A., Kozloff, V., & Qi, Z. (April 2021) “[Relationship between linguistic statistical learning and grammar development in children with autism spectrum disorder](#)”. Poster at Society for Research in Child Development (SRCD). Virtual.

Hu, A., Kozloff, V., & Qi, Z. (November 2019) “[Multimodal Statistical Learning in Children with Autism Spectrum Disorder](#)”. Poster at The 44th Boston University Linguistics Conference on Language Development (BUCLD). November 7-10, Boston University.

Qi, Z., Hu, A., Legault, J., Weng, YL., Schneider, J., Kozloff, V., & Robbins, P. (July 2021). “Multimodal investigation of neural correlates of auditory statistical learning in children with ASD”. Talk at The International Association for the Study of Child Language (IASCL). Virtual.

Ionin, T., Choi, S., Hu, A., & Liu, Q. (September 2018) “Second language processing of definite articles in anaphoric and bridging contexts”. Talk at The 8th Meeting of Generative Approaches to Language Acquisition – North America (GALANA-8). September 28-30, Indiana University.

Lei, Y., Hu, A., Yan X., & Shih, C. (March 2019). “A Corpus-driven, Curriculum-based Approach to Assessing Less Commonly Taught Language in US Universities”. Poster at American Association for Applied Linguistics (AAAL). March 9-12, Atlanta, GA.

CURRENT RESEARCH PROJECTS

Implicit Learning and Language Development

Project 1: Statistical Learning and Language Development in Autistic Children

- Identify the behavioral phenotypes of language impairment in autistic children through examining their statistical learning abilities across linguistic and nonlinguistic domains as well as auditory and visual modalities
- Decipher the neural substrates of statistical learning in neurotypical adults and children and autistic children using functional magnetic resonance imaging (fMRI) techniques

Project 2: Speech Learning through Implicit Imitation in School-aged Children

- Examine the profiles of pitch imitation and prosodic atypicality in autistic children through comparing the pitch and spectral entrainment between model talkers and neurotypical or autistic children in natural sentence repetition tasks
- Created and deployed web-based audio recording software for recording speech production data in home environment

Social Learning and Vocabulary Acquisition

Project 3: Social Interaction and Word Learning Project in Autistic Children

- Determine the compensational mechanism for word learning in school-aged autistic children through comparing the word learning outcomes in the presence or absence of direct social cues using contextual learning paradigms
- Scripted, directed, recorded, and edited videos and audios for child-friendly story stimuli
- Customized online behavioral experimental software to record eye tracking data

Project 4: Quality of Web-based Eye Tracking Experiments in Children

- Collaborate with multiple institutes on analyzing a collective dataset of web-based eye tracking data to determine the quality of web-based eye tracking in child developmental research

LABORATORY EXPERIENCE

Language Acquisition and Brain Lab, Northeastern University 2018 – Present
Graduate Student Researcher, Advisor: Zhenghan Qi

- Lead and train undergraduate research assistants on speech transcription, eye tracking data coding, and administration of behavioral experiments
- Build and develop gaming websites, audio recording software for online research
- Amend documentations and interact with Institutional Review Board across institutes

Language Acquisition Lab, UIUC 2017 – 2018
Undergraduate Research Assistant, Advisor: Cynthia Fisher

- Collected and coded eye tracking data in word learning studies with toddlers and children using Tobii Eye Tracker

Electrophysiology and Language Processing Lab, UIUC 2017 – 2018

Undergraduate Research Assistant, Advisor: Darren Tanner

- Administered event-related potentials (ERP), eye tracking, and speech production studies on sentence processing in adult second language learners

Second Language Acquisition and Bilingualism Lab, UIUC

2017 – 2018

Undergraduate Research Assistant, Advisor: Tania Ionin

- Built Mandarin test stimuli and administered studies on object-substance recognition and its relation to the uses of classifiers in native speakers of Korean and Chinese

LEADERSHIP EXPERIENCE

Graduate Student Colloquium Committee, UDEL

2018 – 2022

- Organized monthly colloquiums and invite scholars from major universities for two-day visits and talk at the department
- Held student conferences on Linguistics and Cognitive Science, called for and evaluated abstract submissions from major universities

Experimental Group Meeting Committee, UDEL

2018 – 2020

- Organized weekly department-internal student meetings on experimental research
- Hosted journal clubs and workshops on programming

Division of General Studies Leaders, UIUC

2016 – 2018

- Served as an advisory board to the Director of DGS and met monthly to provide feedback and suggestions for the College of General Studies

PROFESSIONAL TRAINING

ADOS-2 Clinical Workshop

Washington, DC, July 11-12, 2019

Neural Synchronization study at State Key Laboratory of Cognitive Neuroscience and Learning

Beijing Normal University at Beijing, China, June 2019

LANGUAGES

Cantonese/ Mandarin: Native Language

Korean: Fluent Listener and Speaker

Japanese: Proficient Listener

COMPUTER SKILLS

Programming: R (advanced), Java Script (intermediate), Python (intermediate), Shell (intermediate), HTML (intermediate), CSS (intermediate), PHP (novice), Matlab (novice)
Platforms and Frameworks: Gorilla Experiment Builder, Bluehost, jsPsych, Github, Node.js
Software: Adobe Premiere Pro, Praat