*An Nguyen*

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**EDUCATION**

**Johns Hopkins University**

Ph.D. in Cognitive Science **2019 – present**

M.A. in Cognitive Science **2018 – 2019**

**Truman State University**,

B.S. in Psychology and Cognitive Science, Minor in Statistical Methods. *Valedictorian.* **2013 - 2017**

**SKILLS:**

Programming Skills: Java, JavaScript, Python, MATLAB, R

Languages: Vietnamese (native), English (fluent), Chinese (conversational)

**RESEARCH EXPERIENCE:**

**Graduate Researcher,** Language Acquisition Lab, Johns Hopkins University **2018 – present**

* First project: Investigating auxiliary acquisition in wh-question production- Methods: Computational linguistics employing a Variational Model of Language Acquisition and a  
  tri-gram language model with modified Kneser-Ney smoothing.  
  - Investigated children’s acquisition of wh-questions using corpus data.
* Second project: Distinguishing among in-situ wh-questions in English- Methods: Theoretical syntax, experimental syntax and corpus analysis.  
  - Proposed an account for linguistic phenomena at the syntax-discourse interface.  
  - Paper under review. Poster accepted for the LSA conference.
* Third project: The acquisition of wh-questions- Methods: Behavioral experiments with children.  
  - Investigated the relationship between syntactic variation and language acquisition

**Lab Manager,** Language Acquisition and Brain Lab**,** University of Delaware **2017 – 2018**

* Conducted research on language acquisition, statistical learning, brain organization of languagedevelopment using behavioral and neuro-imaging techniques.
* Lead programmer for 4 computer-based experiments.
* Lead web developer for the lab’s online platform for visual and auditory statistical learning.
* Managed the lab’s database and workflow and supervised 3 undergraduate research assistants
* 1 paper currently under review. 6 posters accepted for conferences.

Research Assistant, EEG lab, Truman State University 2016 – 2017- Conducted research on human perceptual processes such as audio-visual integration and cortical activityusing EEG.

**MENTORING/TUTORING EXPERIENCE:**

**Teaching Assistant**, Department of Cognitive Science, Johns Hopkins University **2019 – present**

- Courses: Language and Advertising; Language and the Mind

- Gave a guest lecture on Pragmatics

**Statistical Consultant,** Center for Applied Statistics & Evaluation **2015 - 2017**

* Analyzed statistical data for several student projects, research projects, and faculty grants.
* Assisted clients in other aspects such as designing surveys and experiments, leading focus group,submitting IRB, writing statistical reports.
* Led a team of 3.

**Academic Trainer,** Step scholars program **2016 - 2017**

*-* Tutored STEM subjects, including Computer Science, Mathematics, and Statistics.

**AWARDS**

* Graduate student travel award **Spring 2020**
* President’s List x 8 semesters **2013 - 2017**
* Dorothy Pearson Foundation Scholarship **2016***Scholarship for outstanding students in Statistics.*
* Harold L. Hess and Ozella M. Hess Foundation Scholarship **2015**   
  *Scholarship for outstanding students in overall academic performance.*
* President’s Honorary Scholarship **2013**   
  *Scholarship for outstanding incoming students.*

**RELEVANT COURSEWORK**

*Computational Linguistics*: Computational Linguistics; Computational Psycholinguistics

*Linguistics:*  Introduction to Linguistics; Syntax I; Semantics I; Logic;

*Cognitive Science:* Language Acquisition; Language and the Mind; Language and Thought; Human and Computer Cognition; Cognitive Science;

*Computer Science:* Introduction to Computer Science; Foundations of Computer Science II; Object-oriented programming and design; Foundations of Neural Networks

**PUBLICATIONS**

**Papers**

1. **Nguyen, A.,** &Legendre, G. (2020). Covert movement in English probing wh-questions. *Proceedings of Linguistic Society of America 2020 Annual Meeting*. 5(1). 180-186.

**Conference presentations**

1. **Nguyen,** **A.,** Howe, W., & Legendre, G. (2020). English-speaking children’s acquisition of wh-in-situ. Poster at Generative Approaches to Language Acquisition North America 6. Reykjavík, Iceland.
2. Weng, Y.L, **Nguyen, A.,** Ryskin,R., & Qi, Z. (2020). Prediction and sentence ambiguity resolution: A simultaneous eye-tracking and EEG study. Poster at 33rd Annual CUNY Human Sentence Processing Conference, Amherst, MA.
3. Schneider, J., Arnon, I., **Nguyen, A.**, Medez, K., & Qi, Z. (2019). Does prior language experience hinder statistical learning? Poster presented at Boston University Conference on Language Development, Boston, MA.
4. Schneider, J., Weng, Y., Kozloff, V., **Nguyen, A.**, & Qi, Z. (2019). Neural sensitivity to speech distribution information underlise statistical learning. Poster presented at Neurobiology of Language, Helsinki, Finland.
5. Qi, Z., **Nguyen, A.**, Ozernov-Palchik, O., Beach, S., May, S., Arciuli, J., & Gabrieli, J.D.E. (2018). Statistical learning in reading development and reading impairment. Poster presented at Boston University Conference on Language Development, Boston, MA.
6. **Nguyen, A.**, Sanchez Araujo, Y., Georgan, W., Arciuli, J., & Qi, Z. (2018). Re-examine the reliability of statistical learning tasks across domains and modalities. Poster presented at Psychonomic Society Annual Meeting, New Orleans, LA.
7. Kozloff, V., **Nguyen, A.**, Arciuli, J., & Qi, Z. (2018). Statistical learning in a noisy environment is associated with vocabulary. Poster presented at Boston University Conference on Language Development, Boston, MA.
8. Mendez, K., **Nguyen, A.**, Kozloff, V., & Qi, Z. (2018). The role of native language in statistical learning success. Poster presented at University of Delaware’s ninth annual Undergraduate Research and Service Scholar Celebratory Symposium, Newark, DE.