ENES AVCU
CURRICULUM VITAE

Department of Linguistics & Cognitive Science
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Research Interests	Cognitive Neuroscience (Neural correlates of phonotactic constraints, Event-Related Potentials, fMRI, fNIRS), Formal Language Theory (Subregular Hierarchy, Deep Learning and Machine Learning)

Education

Sep 2014 – Aug 2019	University of Delaware Doctor of Philosophy, Linguistics, GPA: 3.77/4.00 Newark, Delaware, United States Advisors: Prof. Arild Hestvik & Jeffrey Heinz
Sep 2014 – May 2016	University of Delaware Master of Arts, Linguistics and Cognitive Science, GPA: 3.71/4.00 Newark, Delaware, United States Advisor: Prof. Arild Hestvik
Sep 2011 – Aug 2014	Middle East Technical University Master of Science, Cognitive Science, GPA: 3.61/4.00 Ankara, Turkey Advisors: Prof. Cem Bozsahin & Deniz Zeyrek
Sep 2007 – Jun 2011	Hacettepe University Bachelor of Arts, Linguistics, GPA: 3.52/4.00 Ankara, Turkey

Research Experience

Jan 2015 – present	Ph.D. Student, Lab Manager at Experimental Psycholinguistics Lab, University of Delaware, Department of Linguistics and Cognitive Science, Newark, Delaware, United States
Sep 2013 – Aug 2014	Master's Student, Project Assistant at METU Baby Lab, Middle East Technical University, Department of Cognitive Science, Ankara, Turkey

Skills & Activities

Skills		Language, Speech, Infants, Language Acquisition, Machine Learning, Word Learning, Phonology, EEG/ERP, Syntax, Cognitive Neuroscience, Event-Related Potentials, Electroencephalography, fMRI, fNIRS.
Computer Skills	*OS*	Linux, Windows
	Coding	Python, MatLab

April 1, 2018

Other	SPSS, Statistica, NetStation, E-Prime, Weka, foma, xfst, chainer, FSL, SPM
Languages	English, Turkish

Scientific Memberships	Society for the Neurobiology of Language (2016-Present)
	Linguistic Society of America (2017-Present)

Trainings

Summer 2017	EGI Summer School 2017: Core dEEG Skills, July 24–28, EGI Headquarters, Eugene, Oregon, USA
Summer 2017	Foundations of Advanced dEEG Analysis Techniques: July 31–August 2, Valley River Inn, Eugene, OR USA
Summer 2016	Statistical Teaching and Analytic Research Training (START) Workshop at University of Warsaw

Fellowships & Awards

July 2018 – July 2019	University of Delaware Dissertation Fellowship
Dec 2016 – Aug 2019	University of Delaware 100% Tuition Fellowship
Summer 2017	Summer Research Grant, awarded from the Department of Linguistics and Cognitive Science, University of Delaware
Summer 2017	Summer Doctoral Fellowship Award, awarded from the Office of Graduate and Professional Education, University of Delaware
Aug 2014 – Dec 2016	Turkish Land Forces 100% Tuition Fellowship

Teaching Experiences

Spring 2018	Teaching Assistant, PSYC209, Department of Psychological and Brain Sciences, University of Delaware, Newark, DE, USA
Winter 2018	Instructor, LING/CGSC 102, Department of Linguistics and Cognitive Sciences, University of Delaware, Newark, DE, USA
Fall 2017	Teaching Assistant, PSYC370, Department of Psychological and Brain Sciences, University of Delaware, Newark, DE, USA
Spring 2017	Instructor, LING/CGSC 102, Department of Linguistics and Cognitive Sciences, University of Delaware, Newark, DE, USA
2013 Spring – 2014 Spring	Instructor, ING 101, Department of Foreign Languages, Turkish Military Academy, Ankara, TURKEY

Work Experiences

Aug 2012 –May 2017	Research Assistant First Lieutenant, Turkish Military Academy, Ankara, TURKEY

Services

Fall 2016 –present	Organizer, Experimental Group Meeting, Department of Linguistics and Cognitive Sciences, University of Delaware, Newark, DE, USA

Journal Publications

Avcu, E. (2014) A Cross-Sectional Design to Test When and in Which Order the Acquisition of Morphologically Complex Verbal Forms Occur in Turkish. *Science Journal of Turkish Military Academy, 24(1):1–19, 2014.*

April 1, 2018

Book Chapters

Annette Hohenberger, Asli Altan, Utku Kaya, Özgün Köksal Tuncer, Enes Avcu: *Sensitivity of Turkish infants to vowel harmony: Preference shift from familiarity to novelty*. The Acquisition of Turkish in Childhood, 11/2016 pp.29-56. DOI: 10.1075/tilar.20.02hon.

Proceedings

Avcu, E. (2018). Experimental Investigation of the Subregular Hypothesis. In Proceedings of the 35th West Coast Conference on Formal Linguistics, ed. Wm. G. Bennett et al., 77-86. Somerville, MA: Cascadilla Proceedings Project. www.lingref.com, document #3377.

Avcu, E., Shibata, C., Heinz, J. (2017). Subregular Complexity and Deep Learning. In Proceedings of the Conference on Logic and Machine Learning in Natural Language (LaML), ed. Simon Dobnik and Shalom Lappin, volume 1, 20-34. Gothenburg, Sweden. CLASP Papers in Computational Linguistics. https://gupea.ub.gu.se/handle/2077/54911.

Thesis

Nouns-First, Verbs-First, and Computationally-Easier First a Preliminary Design to Test the Order of Acquisition. 08/2014, Degree: M.Sc., Supervisor: Cem Bozsahin (Middle East Technical University).

Invited Talks

October 2017   Evolution of Neural Networks. Presented at the MathLing group meeting at the Stony Brook University.

Conference Presentations

2018   **Enes Avcu**. ERP Signature of Phonological Learnability. Presented as a poster at 8th ANNUAL UNIVERSITY OF DELAWARE Graduate Students' Forum, 2018 April.

2017   **Enes Avcu**, Chihiro Shibata, Jeffrey Heinz. Subregular Complexity and Deep Learning. Presented at the Workshop on Learning and Automata (LearnAUT) at Reykjavik University, Iceland, 2017 June.

2017   **Enes Avcu**, Chihiro Shibata, Jeffrey Heinz. Subregular Complexity and Deep Learning. Presented at the Conference on Logic and Machine Learning in Natural Language (LaML) at University of Gothenburg, Sweeden, 2017 June.

2017   **Enes Avcu**. Experimental Investigation of Subregular Hypothesis. Presented at the 35th West Coast Conference on Formal Linguistics at Calgary, Alberta Canada, 2017 April.

2017   **Enes Avcu**. Experimental Investigation of Subregular Hypothesis. Presented at the 41st Annual Penn Linguistics Conference at the University of Pennsylvania, 2017 March.

2014   Annette Hohenberger, Aslı Altan, Utku Kaya, Özgün Köksal Tuncer, **Enes Avcu**. Early sensitivity of 6- and 10-month-old monolingual Turkish infants to vowel harmony. Presented as a poster at the 13th International Congress for the Study of Child Language, (IASCL 2014), Amsterdam, NL, 2014 July.

2014   Annette Hohenberger, Aslı Altan, Utku Kaya, Özgün Köksal Tuncer, **Enes Avcu**. Early sensitivity of Turkish infants to vowel harmony in stem-suffix sequences: impact of computational complexity. Presented as a poster at 1st International Symposium on Brain and Cognitive Science, ISBCS'14, Boğaziçi University, İstanbul, 2014 April.

2014   **Enes Avcu**, Cem Bozsahin, Deniz Zeyrek. Nouns-First, Verbs-First, and Computationally-Easier First a Preliminary Design to Test the Order of Acquisition. Presented as a poster at 1st International Symposium on Brain and Cognitive Science, ISBCS'14, Boğaziçi University, İstanbul, 2014 April.

2013   Aslı Altan, Utku Kaya, Özgün Köksal Tuncer, **Enes Avcu**, Annette Hohenberger. 6 ve 10 aylık bebeklerin kök ek dizilişlerinde Türkçedeki ünlü uyumuna duyarlılığı. Presented at 27. National Linguistics Assembly at Hacettepe University, 2013 May.

2013   Tolga Kayadelen, **Enes Avcu**. A Machine Learning Approach to Turkish Texts' Co-Referential Property. Presented at 27. National Linguistics Assembly, at Hacettepe University, 2013 May.

2011   **Enes Avcu**. Nouns-First, Verbs-First, and Computationally-Easier First: A Preliminary Design to Test the Order of Acquisition. Presented at Language Acquisition Days, at Middle East Technical University, 2011 November.

2011   **Enes Avcu.** Acquisition of Complex Tenses in Turkish. Presented at the 5. Linguistics Assembly at Hacettepe University, 2011 May.