Donald Gray Dunagan

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Education

2020 –	*University of Georgia*, Ph.D. Linguistics | Anticipated graduation 05/25
2019 – 2020	*University of Georgia*, M.S. Artificial Intelligence
2013 – 2019	*University of Georgia*, B.S. Computer Science
	University of Georgia, A.B. Linguistics

Publications

Journal Articles

1. **Dunagan, D.**, Stanojević, M., Coavoux, M., Zhang, S., Bhattasali, S., Li, J., Brennan, J., & Hale, J. (2023). Neural Correlates of Object-Extracted Relative Clause Processing Across English and Chinese. *Neurobiology of Language*, 1–19. 🔗 https://doi.org/10.1162/nol_a_00110

2. Stanojević, M., Brennan, J. R., **Dunagan, D.**, Steedman, M., & Hale, J. T. (2023). Modeling structure-building in the brain with CCG parsing and large language models. *Cognitive Science*. 🔗 https://doi.org/https://doi.org/10.1111/cogs.13312

3. **Dunagan, D.**, Zhang, S., Li, J., Bhattasali, S., Pallier, C., Whitman, J., Yang, Y., & Hale, J. (2022). Neural correlates of semantic number: A cross-linguistic investigation. *Brain and Language*, *229*, 105–110. 🔗 https://doi.org/10.1016/j.bandl.2022.105110

Conference Articles

1. Stanojević, M., Bhattasali, S., **Dunagan, D.**, Campanelli, L., Steedman, M., Brennan, J., & Hale, J. (2021). Modeling incremental language comprehension in the brain with Combinatory Categorial Grammar. *Proceedings of the Workshop on Cognitive Modeling and Computational Linguistics*, 23–38. 🔗 https://doi.org/10.18653/v1/2021.cmcl-1.3

2. **Dunagan, D. G.**, & Renwick, M. E. (2020). Word-boundary palatalization and production planning in UK English. *Proceedings of Meetings on Acoustics 179ASA*, *42*(1), 060005. 🔗 https://doi.org/10.1121/2.0001394

Awards and Honors

2023	UGA Department of Linguistics Outstanding Qualifying Paper
2022	3rd place best poster, UGA AI Research Day ($200)
	Society for the Neurobiology of Language Travel Award ($550)
	UGA Outstanding Teaching Assistant Award
2019	UGA Foreign Travel Assistance Program ($900)
	UGA Institute for Artificial Intelligence Travel Assistance ($600)
	UGA Department of Linguistics Outstanding Undergraduate in Linguistics Award

Posters and Talks

Peer-Reviewed Conference Posters

1 Chacón, D. A., & **Dunagan**, **D.** (2023). An EEG functional localizer for identifying visual word form responses in sensor and source space. *15th Annual Meeting of the Society for the Neurobiology of Language*.

2 **Dunagan**, **D.**, & Chacón, D. A. (2023). An EEG investigation into early syntactic processing: A rapid parallel visual presentation study of agreement and WH-dependencies in English. *15th Annual Meeting of the Society for the Neurobiology of Language*.

3 **Dunagan**, **D.**, Coavoux, M., Zhang, S., Bhattasali, S., Li, J., Pallier, C., Spreng, R. N., Brennan, J., & Hale, J. T. (2022). Long-distance dependencies in Chinese, English, and French brains. *14th Annual Meeting of the Society for the Neurobiology of Language*.

4 **Dunagan**, **D.**, Zhang, S., Li, J., Pallier, C., Whitman, J., & Hale, J. T. (2020). Grammatical number in French and Chinese brains. *12th Annual Meeting of the Society for the Neurobiology of Language*.

5 **Dunagan**, **D. G.**, & Renwick, M. E. (2020). Word-final palatalization and production planning in English. *The Journal of the Acoustical Society of America*, *148*(4), 2506–2506.

6 Brennan, J., Martin, A. E., **Dunagan**, **D.**, Meyer, L., & Hale, J. (2019). Resolving dependencies during naturalistic listening. *11th Annual Meeting of the Society for the Neurobiology of Language*.

Invited Talks

1 Hale, J., & **Dunagan**, **D.** (2022). Brain-Inspired AI: Natural Language. *University of Georgia Meeting for Brain-Inspired AI*.

Conference Talks

1 Ireland, K., Samples, T., & **Dunagan**, **D.** (2023). Syntactic complexity in smartphone application contracts. *XIV Congreso Internacional de Lingüística de Corpus*.

Non-Reviewed Poster Presentations

1 **Dunagan**, **D.**, Coavoux, M., Zhang, S., Bhattasali, S., Li, J., Brennan, J., & Hale, J. T. (2022). Long-distance dependencies in Chinese and English brains. *University of Georgia Artificial Intelligence Research Day*.

2 **Dunagan**, **D.**, Coavoux, M., Zhang, S., Bhattasali, S., Li, J., Brennan, J., & Hale, J. T. (2022). Long-distance dependencies in Chinese, and English brains. *Collaborative Research in Computational Neuroscience Principal Investigator Meeting*.

Assistantships

University of Georgia

2020 –	▮	Graduate Research Assistantship, with Prof. John Hale (Tuition Waiver + Stipend)
Spring 2021	▮	Teaching and Technology Assistant, with Prof. Margaret Renwick, Quantitative Methods in Linguistics (Stipend)
2019 – 2020	▮	Graduate Student Data Analyst, with CVIOG ITOS (Tuition Waiver + Stipend)
2018 – 2019	▮	Undergraduate Student Data Analyst, with CVIOG ITOS (Stipend)
	▮	Assistant in system administration and corpora curation, with Natural Language Corpora at UGA (Stipend)

Teaching

University of Georgia

Spring 2024	◾	Python Programming for Language and Linguistics (IoR)
Spring 2023	◾	Natural Language Processing (TA)
Fall 2021	◾	Natural Language Processing (TA)
Spring 2021	◾	Quantitative Methods in Linguistics (TA)

Languages and Skills

Languages	◾	English: native	Spanish: basic	French: beginner
Programming	◾	Primary: Python	Secondary: R	Have Used: Java, JavaScript MATLAB, C++