

Shiloh Drake

University of Oregon

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Academic Appointments

- 2021-present **University of Oregon**, *Department of Linguistics*, Postdoctoral Fellow, Speech Perception & Production Lab.
- 2021 **Southern Illinois University - Carbondale**, *Department of Linguistics*, Assistant Professor of Practice.
- 2019-2020 **Bucknell University**, *Department of Languages, Cultures and Linguistics*, Visiting Assistant Professor in Linguistics.
- 2019 **University of Arizona**, *Department of Linguistics*, Research Specialist, Douglass Phonetics Laboratory.
- University of Arizona**, *Department of Linguistics*, Lecturer.

Education

- 2018 **Ph.D., Linguistics**, *University of Arizona*, Tucson, AZ.
Major: Psycholinguistics
Minor: Speech, Language, and Hearing Sciences
Dissertation Title: *L1 Biases in Learning Root-and-Pattern Morphology*
- 2014 **M.A., Linguistics**, *University of Arizona*, Tucson, AZ.
- 2012 **B.A., Modern Languages and Linguistics**, *University of Redlands*, Johnston Center for Integrative Studies, Redlands, CA.

Non-Degree Education

- Sept. 2020 **FSL Short Course**, *University of Oxford*, Nuffield Dept. of Clinical Neurosciences.

Grants and Awards

- May 2021 SBE Postdoctoral Research Fellowship: *Mechanisms to support word learning in a non-native language* (Award #2105195). Co-PI: Melissa M. Baese-Berk. National Science Foundation. \$138,000.
- Apr. 2020 FindingFive Qntfy Behavioral Research Mini-award Program for *Processing synthetic and human speech*. with Erin Liffiton. \$250.00.

- Apr. 2019 Lady Davis Postdoctoral Fellowship (Hebrew University of Jerusalem: Language, Logic and Cognition Center) (Declined)
- Mar. 2018 Travel Grant to attend the 92nd Meeting of the Linguistics Society of America, Salt Lake City, UT. Graduate and Professional Student Council, University of Arizona. \$750.00.
- Feb. 2018 Finalist for Katheryne B. Willock Library Research Award. University of Arizona.
- May 2017 Doctoral Dissertation Improvement Grant: *L1 Biases in Learning Root-and-Pattern Morphology* (Award #BCS-1732190). National Science Foundation. Co-PI; PI: Adam Ussishkin. \$11,816.00 (direct costs).
- Mar. 2017 Dissertation Research Grant. Social and Behavioral Sciences Research Institute, University of Arizona. \$2,000.00.
- Mar. 2017 Research and Project Grant. Graduate and Professional Student Council, University of Arizona. \$987.25.
- Dec. 2016 Professional Opportunity and Development Grant (for speaker costs at Arizona Linguistics Circle 10). Graduate and Professional Student Council, University of Arizona. \$1,397.00.
- Jan. 2016 Travel Grant to attend the 90th Meeting of the Linguistics Society of America, Washington, D.C. Graduate and Professional Student Council, University of Arizona. \$711.59.
- Jul. 2015 Travel Grant to attend the 5th International Conference of Maltese Linguistics, Turin, Italy. Linguistics Department, University of Arizona. \$300.00.
- Jul. 2015 Travel Grant to attend the 5th International Conference of Maltese Linguistics, Turin, Italy. Graduate and Professional Student Council, University of Arizona. \$750.00.
- Mar. 2014 Pre-Doctoral Research Grant: *Language Family Interaction in Maltese*. Social and Behavioral Sciences Research Institute, University of Arizona. \$500.00.
- Mar. 2014 Travel Grant for fieldwork in Malta. Graduate and Professional Student Council, University of Arizona. \$500.00.
- Fall 2012 Graduate College Fellowship, University of Arizona.
- Spring 2012 Inducted into Omicron Delta Kappa, University of Redlands.

Publications

* denotes student coauthor

Books

under contract Valentínsson, M.-C., **Drake, S.**, & Fountain, A. V. *Language and Social Issues: An Introductory Toolkit*. Cambridge University Press. Expected publication: 2023.

Refereed Journal Articles

under review **Drake, S.** L1 morphology affects error patterns in artificial grammar learning. *Journal of Psycholinguistic Research*.

under revision Qurbi, E. A. & **Drake, S.** Verbal working memory as a factor in auditory L2 morphosyntactic processing. *The Mental Lexicon*

accepted Weissler, R. E., **Drake, S.**, ... & Baese-Berk, M. M. Examining linguistic and experimenter biases through "non-native" vs. "native" speech. *Applied Psycholinguistics*.

2021 Baese-Berk, M. M. **Drake, S.**, Foster, K., Lee, D-Y., Staggs, C., & Wright, J. M. Lexical diversity, lexical sophistication, and predictability for speech in multiple listening conditions. *Frontiers in Psychology*, 12. doi:10.3389/fpsyg.2021.661415

2018 **Drake, S.** The form and productivity of the Maltese morphological diminutive. *Morphology*, 28(3), 297-323. doi:10.1007/s11525-018-9328-0.

2015 Bell, D., Forster, K., and **Drake, S.** Early semantic activation in a semantic categorization task with masked primes: Cascaded or not? *Journal of Memory and Language*, 85, 1-14. doi:10.1016/j.jml.2015.06.007.

Refereed Book Chapters

expected 2023 **Drake, S.** Productivity. in *Cambridge Handbook of Distributed Morphology*, eds. Artemis Alexiadou, Alec Marantz, Ruth Kramer, & Isabel Oltra-Massuet. Finalized ms. submitted Dec. 14, 2022.

Conference Proceedings

2019 **Drake, S.** What can a Wug Test tell us about abstract morpheme storage? *Proceedings of the 11th International Conference on the Mental Lexicon*, 1, e112. doi:10.7939/r3-75nf-yd06.

2018 Ackerman, L. M. and **Drake, S.** The cat stalked ?wily around the house: Morphological dissimilation in deadjectival adverbs. *Proceedings of the Linguistic Society of America*. doi:10.3765/plsa.v3i1.4297.

Book Reviews

- Jun. 2019 Review of *Linguistics: Why it Matters*, Pullum, G. 2018, and *The Linguistics Delusion*, Sampson, G. 2017. *Journal of Linguistics*. doi:10.1017/S0022226719000185.
- Jan. 2018 Review of *Shifts and Patterns in Maltese*. 2016. Puech, G. & Saade, B., eds. De Gruyter-Mouton: Berlin. LINGUIST List: 29.536. [link]

Manuscripts in Preparation

- in prep **Drake, S.**, Preligera, I.*, & Baese-Berk, M. M. Differential effects of explicit instruction and implicit learning on artificial morphophonological processes. Will be submitted to *Language Learning*.
- in prep **Drake, S.**, Rakowszczyk, M., & Gasser, E. Artificial language learning, unnatural phonology, and sound change. Will be submitted to *Laboratory Phonology*.

Presentations

* denotes student coauthor

Refereed Presentations

- Dec. 2022 **Drake, S.**, Preligera, I.*, & Baese-Berk, M. M. *Examining the effectiveness of multi-talker training on morphophonological learning*. Poster presented at the 183rd Meeting of the Acoustical Society of America, Nashville, TN.
- Oct. 2022 **Drake, S.**, Preligera, I.*, & Baese-Berk, M. *Effects of explicit instruction vs. implicit learning in artificial grammars*. Poster presented at the 12th International Conference on the Mental Lexicon, Niagara-on-the-Lake, ON.
- May 2022 **Drake, S.**, Preligera, I.*, & Baese-Berk, M. *Implicit learning vs. explicit instruction in morphophonological learning*. Poster presented at the 182nd Meeting of the Acoustical Society of America, Denver, CO.
- Feb. 2022 **Drake, S.**, Preligera, I.*, & Baese-Berk, M. M. *Probing morphological learning with artificial grammar learning tasks*. Paper presented at the Jabberwocky Words Workshop.
- Mar. 2021 **Drake, S.** *Distributed Morphology feature geometries crosslinguistically: Acquiring the copula*. Poster presented at the 34th Annual CUNY Sentence Processing Conference.
- Dec. 2020 **Drake, S.** & Liffiton, E.* *Processing synthetic and human speech in auditory masked priming tasks*. Poster presented at the 179th Meeting of the Acoustical Society of America.

- Oct. 2020 **Drake, S.** & Qurbi, E. *Verbal working memory as a factor in processing auditory L2 sentences*. Paper presented at the Words in the World 2020 Conference.
- Oct. 2020 **Drake, S.** & Liffiton, E.* *Processing synthetic and human speech in auditory masked priming tasks*. Paper presented at the Words in the World 2020 Conference.
- Jan. 2020 **Drake, S.** *Validating Distributed Morphology feature geometry in the acquisition of copular to be*. Poster presented at the 94th Annual Meeting of the Linguistic Society of America, New Orleans, LA.
- Jan. 2020 **Drake, S.** & Harley, H. *Distributed Morphology as a model of language in disordered populations*. Poster presented at the 94th Annual Meeting of the Linguistic Society of America, New Orleans, LA.
- May 2019 Park, S., **Drake, S.**, Warner, N., McQueen, J., Southee, R., & Zhang, D. D. *A replication of a test of the Metrical Segmentation Strategy in spoken word recognition*. Poster presented at the 177th Meeting of the Acoustical Society of America, Louisville, KY.
- Mar. 2019 **Drake, S.** & Ackerman, L. *Acceptability of homophonous sequences in adjective-derived adverbs*. Poster presented at the 32nd Annual CUNY Sentence Processing Conference, Boulder, CO.
- Sept. 2018 **Drake, S.** *What can a Wug Test tell us about abstract morpheme storage? A behavioral account*. Poster presented at the 11th International Conference on the Mental Lexicon, Edmonton, AB.
- Mar. 2018 **Drake, S.** *L1 effects on the production of non-adjacent dependencies*. Poster presented at the 31st Annual CUNY Sentence Processing Conference, Davis, CA.
- Jan. 2018 Ackerman, L. & **Drake, S.** *The cat stalked ?wilily around the house: Morphological dissimilation in deadjectival adverbs*. Poster presented at the 92nd Annual Meeting of the Linguistic Society of America, Salt Lake City, UT.
- Jul. 2017 **Drake, S.** *L1 biases in learning root-and-pattern morphology*. Poster presented at the Morphological Typology and Linguistic Cognition workshop, Lexington, KY.
- Jun. 2017 **Drake, S.** *L1 biases, learning, and generalization in Semitic morphology*. Poster presented at Roots 5, London, England.
- Jun. 2017 **Drake, S.** and Sharp, R. *Productivity of the broken plural in Maltese*. Paper presented at the 6th International Conference on Maltese Linguistics, Bratislava, Slovakia.

- Dec. 2016 **Drake, S.** *Bilingualism and language dominance as factors in Maltese morphological variation*. Paper presented at Arizona Linguistics Circle 10, Tucson, AZ.
- Oct. 2016 **Drake, S.** *Comparing Psycholinguistic Theories of the Mental Lexicon to Distributed Morphology*. Poster presented at the 10th International Conference on the Mental Lexicon, Ottawa, Ontario, Canada.
- Oct. 2016 **Drake, S.** *Root-and-Pattern Morphology in the Lexicon: Evidence from Wug Tasks*. Poster presented at the 10th International Conference on the Mental Lexicon. Ottawa, Ontario, Canada. Poster.
- Jan. 2016 **Drake, S.** *The Form and Productivity of the Maltese Morphological Diminutive*. Paper presented at the 90th Annual Meeting of the Linguistic Society of America, Washington, D.C.
- Jun. 2015 **Drake, S.** *The Form and Productivity of the Maltese Diminutive*. Paper presented at the 5th Annual Conference on Maltese Linguistics, Turin, Italy.
- Oct. 2013 **Drake, S.** *The Effect of Typicality on the Mental Lexicon*. Paper presented at Arizona Linguistics Circle 7, Tucson, AZ.
- Mar. 2012 **Drake, S.** & Sullivan, R. *Writing Across the Disciplinary Divide: Collaboration, Cooperation, and Integration*. Workshop at the 9th Annual California Writing Centers Association Tutor Conference, La Verne, CA.

Invited Presentations & Colloquia

- Apr. 2021 *L1 grammar affects error patterns in root and pattern morphology*. Linguistics Colloquium Series, University of Oregon, Eugene, OR.
- Apr. 2021 *L1 grammar affects error patterns in root and pattern morphology*. Linguistics Colloquium Series, York University, Toronto, Ontario, Canada.
- Mar. 2021 *L1 grammar affects error patterns in root and pattern morphology*. Linguistics Colloquium Series, Southern Illinois University - Carbondale, Carbondale, IL.
- Mar. 2020 *Bridging the gap between theory and use*. Center for Language Science Colloquium Series, The Pennsylvania State University, State College, PA. Cancelled due to COVID-19 pandemic.
- Feb. 2020 *Learning, relearning, and making mistakes: Word learning from lab to clinic*. Moss Rehabilitation Research Institute Colloquium Series, Elkins Park, PA.
- Nov. 2019 *Bridging the gap between theory and use*. Swarthmore College Colloquium Series, Swarthmore, PA.
- Nov. 2019 *Bridging the gap between theory and use*. Bucknell University Coffee Talk Series, Lewisburg, PA.

- Mar. 2019 *How do we learn a language?* Bucknell University Colloquium Series, Lewisburg, PA.
- Mar. 2019 *How do we learn a language?* Colgate University Colloquium Series, Hamilton, NY.
- Feb. 2018 *L1 biases, learning, and generalization in Semitic morphology*. Poster presented at the Graduate and Professional Student Research Showcase, University of Arizona, Tucson, AZ.
- Oct. 2017 *L1 biases in learning root-and-pattern morphology*. Invited seminar at the Linguistics Circle, University of Malta, Msida, Malta.
- Feb. 2015 *The Form and Productivity of the Maltese Diminutive*. Paper presented at the Linguistics Department Graduate Student Showcase, University of Arizona, Tucson, AZ.
- Feb. 2014 *Object Typicality and its Effects on the Lexicon*. Paper presented at the Linguistics Department Graduate Student Showcase, University of Arizona, Tucson, AZ.

Workshops

- Mar. 2020 Methods of collecting behavioral and neuroimaging data remotely. Panelist; at the 33rd Annual CUNY Sentence Processing Conference.
- Feb. 2019 Two-way ANOVA and multiple regression with R. with Essa Qurbi; at the SLAT Interdisciplinary Roundtable, Tucson, AZ. [Github repository link]
- Aug. 2018 Statistics in R for Psycholinguistics. with Essa Qurbi; for graduate students in the Linguistics and Second Language Acquisition and Teaching programs; U. of Arizona.
- May 2018 Introduction to PsychoPy. at the Multilingualism Group; U. of Arizona.

Teaching Experience

University of Oregon

- **Build Your Own Language** (first-year seminar; developed & taught F 2022)
- **Artificial Grammar Learning** (fulfills major seminar requirement; co-convened undergraduate & graduate seminar; developed & taught S 2022)

Southern Illinois University - Carbondale

- **Introduction to Syntactic Theory** (major requirement; co-convened undergraduate & graduate; taught online S 2021)

Bucknell University

- **Linguistic Analysis: Sounds & Words** (intro for majors; taught two sections F 2019)
- **Phonetics & Phonology** (major requirement; taught S 2020)

- **Psycholinguistics** (major elective; taught F 2019)
- **Bilingualism** (major elective; developed & taught S 2020)
- **Language Disorders** (major elective; developed & taught S 2020)

University of Arizona

As Instructor of Record

- **Language** (general education course; taught online Summer 2014, Summer 2015)
- **Introduction to Linguistics** (intro for majors; taught F 2013, Winter 2014 online)
- **Linguistic Typology** (upper division major elective; taught S 2017)
- **The Structure and Meaning of English** (crosslisted with English; taught online Winter 2016)
- **Language Development** (crosslisted with Psychology & Speech, Language, and Hearing Sciences; taught online Summer 2013, Summer 2016)
- **The Bilingual Mind** (upper division major elective for Linguistics & Psychology; taught online S 2019)
- **Introduction to Statistics for Social and Behavioral Sciences** (major requirement in many departments; taught F 2017, S 2018)

As Graduate Teaching Assistant

- **Language** (with Amy Fountain; taught S 2013)
- **Introduction to Linguistics** (with Andrew Barss; taught F 2015)
- **The Structure and Meaning of English** (with Heidi Harley; taught S 2016)
- **Language Development** (with Cecile McKee (S 2014), Diane Ohala (F 2016), and Masha Fedzechkina (F 2016))
- **Psychology of Language** (with Cecile McKee; taught F 2012)

University of Redlands

As Primary Instructor

- **Books That Make You Want to Write Re-Re-Reloaded** (advanced seminar; developed & taught S 2012)

As Co-Instructor

- **Lost in Translation? The Theory and Practice of Translation** (with Julie Townsend; advanced seminar; developed & taught F 2010)

Student Supervision

- 2021-present Isabel Preligera: Undergraduate research assistant; U. of Oregon
- 2022-present Ella Brucker: Undergraduate research assistant; U. of Oregon
- 2022-present Petra Chinsangaram: Undergraduate research assistant; U. of Oregon
- 2022 Ella Gordon: Undergraduate teaching assistant; U. of Oregon

- Spring 2020 Erin Liffiton: Undergraduate research assistant; Bucknell U.
 Fall 2019 Emma Smith: Undergraduate teaching assistant; Bucknell U.
 Spring 2019 Sarah Mountain: Graduate teaching assistant; U. of Arizona
 2017-2018 Zoey Petitt: Undergraduate research assistant; U. of Arizona

Service to the Field

External

Ad-hoc article review for *Applied Psycholinguistics*, *Journal of Cognition*, *Journal of Experimental Psychology: Human Performance & Perception*, *Journal of Linguistics*, *Language*, *Linguistics Vanguard*, *The Mental Lexicon*, *PLOS One*

Book proposal review for Routledge, Springer

Abstract review for Conference on the Mental Lexicon; Annual Meeting of the LSA

Internal

University of Oregon

- 2021-present Coordinator of undergraduate linguistics association DuckLings, with Rachel E. Weissler

Bucknell University

- 2019-2020 Subcommittee on ESL Needs of Students at Bucknell

University of Arizona

- 2014-2018 Travel grant application review; Graduate and Professional Student Council
 2016 Linguistics faculty meeting graduate student representative (alternate)
 2016 Arizona Linguistics Circle 10 Organizer & Chair
 2016 Student representative: Linguistics Department Head search committee
 2015 LingCircle Co-President (Linguistics graduate student association)
 2013-2015 LingCircle Librarian
 2015 Abstract review for Arizona Linguistics Circle 9
 2014 Abstract review for Arizona Linguistics Circle 8
 2012 Volunteer for Arizona Linguistics Circle 6

Professional Development

- May 2020 Research Bazaar 2020 - Arizona; U. Arizona. Set of workshops to familiarize participants with data science techniques. Participated in machine learning, data visualization, and Shiny app development workshops.

- Aug. 2019 Workshop on the Teaching of Writing; Bucknell U. Writing Center.
- Jan. 2019 Tools for Reproducible Research in Linguistics: Collaborating in git and Github; Linguistic Society of America Satellite Workshop.
- Oct. 2018 Programming Bootcamp: The Unix Shell, git/Github, and R; Software Carpentry & U. Arizona.
- Aug. 2018 Facilitator of Workshop on DMDX; Kenneth I. Forster, U. Arizona Psychology Department.
- Feb. 2017 UndocuPeers Training; U. Arizona. Workshop on best practices for aiding undocumented, DACAmented, and refugee students in the classroom, in finding scholarships, and other resources.
- Mar. 2016 Workshop on linear models and regression in R; Bodo Winter & U. Arizona Linguistics Department.
- Mar. 2016 SafeZone Training; U. Arizona. Workshop on resources available to LGBTQIA+ students as well as discrimination faced by students identifying as such.
- Oct. 2015 Workshop on Writing your NSF DDRIG; U. Arizona Graduate College & Social and Behavioral Sciences Research Institute
- Mar. 2013 Workshop on linear mixed regression in R; Bodo Winter & U. Arizona Linguistics Department.

Technical Skills

Experimental Methodologies

Surveys, novel word elicitation, word segmentation, artificial grammar learning, visual masked priming, auditory masked priming, web-based behavioral experiments, corpus analysis

Programming & Coding

DMDX, FindingFive, FMRIB software library, git & Github, L^AT_EX, Markdown, Matlab, PsychoPy, Psychtoolbox, Python, R, SPSS

Professional Affiliations

- 2014- International Association of Maltese Linguistics
- 2019- Acoustical Society of America
- 2014-2020 Linguistic Society of America

Language Proficiencies

Native	English
Advanced	French
Intermediate	Spanish, German
Basic	Modern Standard Arabic, Maltese, Farsi, Dutch