

Evelyn Milburn

Visiting Assistant Teaching Professor
University of Delaware

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RESEARCH INTERESTS

Language Comprehension, Sentence Processing, Aphasia

TEACHING INTERESTS

Cognitive Psychology, Psycholinguistics, Research Methods

WORK EXPERIENCE & EDUCATION

- 2023** **Visiting Assistant Teaching Professor**
Department of Psychological and Brain Sciences
University of Delaware; Newark, DE
- 2022** **Assistant Adjunct Professor**
Department of Psychology
Mills College; Oakland, CA
- 2018 - 2021** **Postdoctoral Research Fellow**
Norwegian University of Science and Technology (NTNU); Trondheim
Norway
Supervisor: Professor Mila Vulchanova
- 2017** **Ph.D., Cognitive Psychology**
University of Pittsburgh; Pittsburgh, PA
Supervisor: Professor Tessa Warren
Dissertation: *The effects of meaning dominance and meaning relatedness on ambiguity resolution: Idioms and ambiguous words*
- 2014** **M.A., Cognitive Psychology**
University of Pittsburgh; Pittsburgh, PA
Supervisor: Professor Tessa Warren
Thesis: *The effects of verb- and event-based knowledge on direct object prediction*
- 2010** **B.A., Psychology (minor in Linguistics)**
University of California, Davis; Davis, CA

RESEARCH SUPPORT

- 2020** **Research Council of Norway**
International Partnerships for Excellent Education, Research and Innovation
Excellence in graduate education and research in the cognitive and neural underpinnings of (typical and atypical) language development
Role: Collaborator
Total Costs: 4,500,000 NOK / \$481,007.25
- 2020** **Norwegian Graduate Researcher School in Linguistics and Philology**
Introduction to Statistics for Language Science Using R
Total Costs: 73,338 NOK / \$7,837.45
- 2019** **European Commission**
Marie Skłodowska-Curie Action Innovative Training Network
e-LADDA: Early Language Development in the Digital Age
Role: Collaborator
Total Costs: € 3,820,152.96 / \$4,473,418.22
- 2019** **NTNU Faculty of Humanities**
Women in Science: Getting Started on the Academic Path
Total Costs: 21,602 NOK / \$2,308.55
- 2019** **Norwegian Graduate Researcher School in Linguistics and Philology**
Language Research from Conception to Publication
Total Costs: 143,676 NOK / \$15,354.29

PUBLICATIONS

* indicates student collaborator

*Søby, K. F., **Milburn, E.**, Kristensen, L.B., Vulchanova, M., & Vulchanov, V. (2023) In the native speaker's eye: Online processing of anomalous learner syntax. *Applied Psycholinguistics*, 1-28.

Milburn, E., Vulchanova, M., & Vulchanov, V. (2021). Collocational frequency and context effects on idiom processing in advanced L2 speakers. *Canadian Journal of Experimental Psychology*, 75(2), 169–174.

Milburn, E., Dickey, M. W., Warren, T., & Hayes, R. (2021). Increased reliance on world knowledge during language comprehension in healthy aging: Evidence from verb-argument prediction. *Aging, Neuropsychology, & Cognition*.

Vulchanova, M., Vulchanov, V., Fritz, I., & **Milburn, E.** (2019). Language and Perception: Introduction to the special issue “Speakers and Listeners in the Visual World” [Editorial]. *Journal of Cultural Cognitive Science*, 1-10.

Milburn, E., & Warren, T. (2019). Idioms show effects of meaning relatedness and dominance similar to those seen for ambiguous words. *Psychonomic Bulletin & Review*, 26(2), 591-598.

Vulchanova, M., **Milburn, E.**, Vulchanov, V., & Baggio, G. (2019). Boon or burden? The role of compositional meaning in figurative language processing, acquisition, and modeling. *Journal of Logic, Language, and Information*, 1-29.

Milburn, E., Warren, T., & Dickey, M.W. (2018). Idiom comprehension in aphasia: Literal interference and abstract representation. *Journal of Neurolinguistics*, 47, 16-36.

Milburn, E., Warren, T., & Dickey, M. W. (2016). World knowledge affects prediction as quickly as selectional restrictions: Evidence from the visual world paradigm. *Language, Cognition and Neuroscience*, 31(4), 536-548.

*Tiv, M., **Milburn, E.**, & Warren, T. (2016). The effects of transparency and ambiguity on idiom learning. *Proceedings of the 38th annual Conference of the Cognitive Science Society*.

Warren, T., **Milburn, E.**, Patson, N. D., & Dickey, M. W. (2015). Comprehending the impossible: What role do selectional restriction violations play? *Language, Cognition and Neuroscience*, 30(8), 932-939.

Milburn, E., Vulchanova, M., Saltzman, D, Magnuson, J., & Vulchanov, V. (in prep). Native speakers kick buckets but learners kick doors: A comparison of native and non-native idiom comprehension.

Fritz, I., & **Milburn, E.** (in prep). Online processing of non-redundant iconic gestures: A visual world study.

Dickey, M. W., **Milburn, E.**, Warren, T., Hayes, R., & Lei, C-M. (in prep). Likelihood and possibility both guide verb-based anticipatory processing in aphasia.

*Vinichenko, A., Vulchanova, M., **Milburn, E.**, & Vulchanov, V. (in prep) Online sensitivity to tense violations in Norwegian verbs.

PRESENTATIONS

Milburn, E., Vulchanova, M., & Vulchanov, V. (2021). *Native speakers kick buckets but learners kick doors: A comparison of native and non-native idiom comprehension*. Functions of Language Symposium. Online.

Milburn, E. (2021). *Holding keys and playing with fire: An (ongoing) exploration of idiom comprehension*. Invited talk. University of Maryland & University of Colorado, Boulder.

Milburn, E. (2021). *Holding keys and playing with fire: An (ongoing) exploration of idiom comprehension*. Webinar on Cognitive Science and Psycholinguistics: Prospects and Possibilities. Tribhuvan University, Kathmandu, Nepal & NTNU.

Milburn, E., Vulchanova, M., & Vulchanov, V. (2020). *Collocational frequency and context effects on idiom processing in advanced L2 speakers*. 19th International Morphology Meeting. Vienna, Austria.

Milburn, E. (2019). *Idioms show effects of meaning relatedness and dominance similar to those seen for ambiguous words*. Invited talk. Language & Cognition research group, University of Connecticut.

Dickey, M.W., Warren, T., Nunn, K., Colvin, M., Hayes, R., **Milburn, E.**, & Lei, A. (2017). *Evidence that uncertainty drives comprehension patterns in people with aphasia*. 30th annual CUNY Conference on Human Sentence Processing. Cambridge, MA.

Milburn, E., Warren, T., & Dickey, M.W. (2015). *Effects of familiarity, context, and abstract representations on idiom processing in aphasia*. 53rd annual meeting of the Academy of Aphasia. Tucson, AZ.

Dickey, M. W., Warren, T., **Milburn, E.**, Hayes, R., & Lei, C. (2015). *Verb-based anticipatory processing in aphasia*. 53rd annual meeting of the Academy of Aphasia. Tucson, AZ.

Dickey, M.W., Warren, T., Hayes, R.H., & **Milburn, E.** (2014). *Prediction during sentence comprehension in aphasia*. 52nd annual meeting of the Academy of Aphasia. Miami, FL.

CONFERENCE POSTERS

* indicates student collaborator

*Abreu, R., Postarnak, S., Vulchanov, V., Baggio, G., **Milburn, E.**, and Vulchanova, M. (2021). *The association between statistical learning and language development during childhood: A scoping review*. e-LADDA CON 2021: Understanding Language and Literacy Development in the Digital Age. Trondheim, Norway.

*Søby, K. F., **Milburn, E.**, Kristensen, L.B., Vulchanov, V., & Vulchanova, M. (2021) *In the L1 speaker's eye: Online processing of V2 anomalies in Norwegian*. 5th Variation and Language Processing Conference. Copenhagen, Denmark.

*Vinichenko, A., **Milburn, E.**, Eide, K.M., & Vulchanova, M. (2021). *Individual variation in Norwegian native speaker responses to L2 errors in verb morphology*. 5th Variation and Language Processing Conference. Copenhagen, Denmark.

Fritz, I., & **Milburn, E.** (2020). *Online processing of non-redundant iconic gestures: A visual world study*. 26th annual AMLaP conference. Online.

Milburn, E., Vulchanova, M., & Vulchanov, V. (2020). *Collocational frequency and context effects on advanced non-native idiom processing*. 33rd annual CUNY Conference on Human Sentence Processing. Amherst, MA.

Milburn, E., & Warren, T. (2018). *Idioms show effects of meaning relatedness and dominance similar to those seen for ambiguous words*. Workshop on Psycholinguistic and Computational Perspectives on Non-Compositional Meaning in Phrases. Tübingen, Germany.

Milburn, E., & Warren, T. (2018). *Idioms show effects of meaning relatedness and dominance similar to those seen for ambiguous words.* 31st annual CUNY Conference on Human Sentence Processing. Davis, CA.

*Tiv, M., **Milburn, E., & Warren, T. (2016).** *Investigating the effects of transparency and ambiguity on idiom learning.* 38th annual meeting of the Cognitive Science Society. Philadelphia, PA.

Dickey, M.W., Warren, T., Hayes, R.H., & **Milburn, E. (2015).** *Prediction may be independent of production: Lexical predictability effects in aphasia.* 28th annual CUNY Conference on Human Sentence Processing. Los Angeles, CA.

Milburn, E., Warren, T., & Dickey, M.W. (2014). *No lexical boost: verb-based information does not facilitate prediction over and above event-based knowledge in the visual world.* 27th annual CUNY Conference on Human Sentence Processing. Columbus, OH.

Dickey, M. W., Warren, T., **Milburn, E., & Hayes, R. (2014).** *Likelihood and possibility both guide verb-based anticipatory processing.* 55th annual meeting of the Psychonomic Society. Long Beach, CA.

Warren, T., **Milburn, E., Patson, N.D., & Dickey, M.W. (2013).** *Impossibility in verb-argument processing cued by verb- vs. event- knowledge violations.* 19th annual AMLaP conference. Marseille, France.

TEACHING EXPERIENCE

- 2023** **Instructor** | Psychology of Language | University of Delaware | 100 students/2 sections
- 2023** **Instructor** | Introduction to Psychology (Honors) | University of Delaware | 55 students/2 sections
- 2022** **Instructor** | Cognitive Psychology | Mills College | 8 students
- 2020** **Course Coordinator** | Fundamentals in Experimental Design | Norwegian Graduate Researcher School in Linguistics and Philology (LingPhil) | 25 students
- 2020** **Course Coordinator** | Introduction to Statistics for Language Science Using R | LingPhil | 30 students
- 2019** **Course Coordinator & Instructor** | Language Research from Conception to Publication | LingPhil | 30 students
- 2018** **Instructor** | Cognitive Aspects of Language | NTNU | 15 students
- 2016–2017** **Instructor** | Introduction to Psychology | University of Pittsburgh | 200 students
- 2014–2016** **Instructor** | Research Methods Lab | University of Pittsburgh | 200 students

MENTORING

- 2021** **Masters thesis co-supervisor** | Brooke Foss
Peer influences on vocabulary development in children | Result: A
- 2021** **Masters thesis co-supervisor** | Annette Vinichenko
Online sensitivity to tense violations in Norwegian verbs | Result: A
- 2020** **Masters thesis co-supervisor** | Natalie Stevenson
Cross-linguistic variation in verbs of motion in L3 learners of French |
Result: A
- 2019** **Masters thesis co-supervisor** | Camilla Espeland Eggen
Fluid intelligence and working memory in acquisition of morphological
awareness | Result: A
- 2018** **Masters thesis co-supervisor** | Sharmyn Sinnadurai
Phonological awareness in young bilingual dyslexics in Malaysia | Result: A
- 2016** **Honors thesis co-supervisor** | Mehrgol Tiv
Investigating the effects of transparency and ambiguity on idiom learning
- 2015** **First Experiences in Research mentor** | Andrew Tindall
Corpus analysis of idiom decomposability
- 2015** **First Experiences in Research mentor** | Erin Fountaine
Corpus analysis of idiom decomposability

PROFESSIONAL SERVICE

- 2018–2021** **Co-Founder & Facilitator** | Women in Language Science Club | NTNU
- 2020** **Workshop Organizer** | Fundamentals in Experimental Design
- 2020** **Workshop Organizer** | Introduction to Stats for Language Science Using R
- 2019** **Workshop Organizer** | Women in Science: Getting Started on the Academic Path
- 2019** **Workshop Organizer** | Language Research from Conception to Publication
- 2019** **Guest Editor** | Journal of Cultural Cognitive Science; Special Issue “Speakers
and Listeners in the Visual World”
- 2018** **Workshop Organizer** | AttLis 5: The Attentive Listener in the Visual World
- 2018** **Panelist** | Career Prospects for ESRs | DCOMM Training School 3: Individual
Differences in Deictic Communication
- 2014 –** **Ad-Hoc Reviewer** | Cognitive Science Society; Discourse Processes; Journal of
Cognitive Psychology; Journal of Cultural Cognitive Science; Journal of
Experimental Psychology: Learning, Memory, & Cognition; Language,
Cognition, & Neuroscience; Quarterly Journal of Experimental Psychology
- 2012** **Lab Meeting Coordinator** | Reading and Language Group

COMMUNITY OUTREACH

Milburn, E., Fritz, I., & Pedersen, C. A. (Producer). (2019, October 4). *Språk og språklæring/ Language and language learning* [Audio podcast]. Retrieved from <https://radiorevolt.no/programmer/uillustrert-vitenskap>

Milburn, E., & Fritz, I. (2019). *The language mysteries of the brain*. Platform presentation at NTNU Researcher's Night (science education and outreach for high school students).

Fritz, I., & **Milburn, E.** (2019, March 4). *Providing a support network for female masters students* [Blog post]. Retrieved from <https://www.ntnu.no/blogger/humsam/2019/03/04/providing-a-support-network-for-female-masters-students/>

PROFESSIONAL SKILLS

Eyetracking: Eyelink 1000, Tobii Pro

Statistics: Linear mixed effects modeling, growth curve analysis

Populations: monolingual & multilingual adults, older adults, people with aphasia

Computer: R, Experiment Builder/DataViewer (SR Research), E-Prime, SPSS

Languages: English (native), Norwegian (intermediate/B1), Spanish (intermediate)