

Curriculum Vitae

James C. Baybaş

University of Michigan
Department of Linguistics
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Education

- 2023-2028 **Ph.D. in Linguistics**
Advisor: Dr. Jonathan Brennan
University of Michigan, Ann Arbor, MI
- 2021-2023 **B.A. in Psychology, High Honors**
Minor in Linguistics
University of Michigan, Ann Arbor, MI
GPA: 3.78/4.0
- 2019-2020 **B.A. in Psychology**
Minor in Linguistics
Eastern Michigan University, Ypsilanti, MI
GPA: 4.0/4.0

Honors & Awards

- 2023 University of Michigan **High Honors Designation**
- 2023 *Nomination* for **FABBS Undergraduate Research Excellence Award**
- 2023 *Nomination* for University of Michigan **Language, Science & Arts Honors Award**
- 2021-2022 University of Michigan **Honors Designation**
- 2022 Students Tackling Advanced Research (STAR) Scholars Program **Shining Star Award**

Presentations

- 2025 **Baybaş, J.**, Lin, D.Y., Lu, S., Brennan, J.R. *Bilingual code-switching comprehension in natural conversation with EEG*. The 17th Annual Meeting of the Society for Neurobiology of Language. Gallaudet University, Washington, D.C. September. [poster]
- 2025 Klepko, J., **Baybaş, J.**, Brennan, J.R. *Stability of speech tracking in conversation with EEG*. Undergraduate Research Opportunity Program (UROP) Spring Research Symposium. University of Michigan. April 23rd. [poster]

- 2024 Eggleston, R. L., **Baybaş, J.**, Raybuck, R., & Kovelman, I. *Brain bases of morphology and word reading in children with dyslexia*. Annual Meeting of the International Dyslexia Association Reading, Literacy, & Learning Conference. Dallas, TX. October 25th. [poster]
- 2023 **Baybaş, J.**, Eggleston, R. L., & Kovelman, I. *How do we read complex words? A morphological fNIRS priming study*. The 15th Annual Meeting of the Society for Neurobiology of Language. Marseille, France. October 25th. [poster]
- 2023 **Baybaş, J.**, Yu, C-L., & Kovelman, I. *Natural language comprehension in the developing brain: A computational neurolinguistics perspective*. Yale/Wu Tsai Institute fNIRS Workshop. Yale University. September 22nd. [presentation]
- 2023 **Baybaş, J.**, Eggleston, R. L., & Kovelman, I. *How do we read complex words? A morphological priming study*. Michigan Summer Program in Cognition and Early Development (MSPICED) Data Blitz. Department of Psychology, University of Michigan. June 19th. [presentation]
- 2023 **Baybaş, J.**, Eggleston, R. L., & Kovelman, I. *How do we read complex words? A morphological priming study*. Undergraduate Research Forum. Department of Psychology, University of Michigan. April 24th. [poster]

Teaching

- 2025 **Graduate Student Instructor**, LING 347: Talking Minds with Dr. Lisa Levinson. Fall 2025. Department of Linguistics, University of Michigan.
- 2025 **Graduate Student Instructor**, COGSCI 200: Introduction to Cognitive Science with Dr. Richard Lewis. Winter 2025. Weinberg Institute for Cognitive Science, University of Michigan.
- 2024 **Graduate Student Instructor**, LING 347: Talking Minds with Dr. Lisa Levinson. Fall 2024. Department of Linguistics, University of Michigan.

Service

- 2025 **Panelist**, Cognitive Science Community, Graduate School Professional Development Panel. April 2025. Student Organization, University of Michigan.
- 2024-2025 **Member**, Departmental Action Teams for Equitable Teaching (DATET) Pilot Program. College of LS&A, Department of Linguistics, University of Michigan.
- 2024-2025 **Committee of Outreach and Inclusive Practices**, Department of Linguistics, University of Michigan.
- 2024-2025 **Organizer**, Psycholinguistics Discussion Group. Department of Linguistics, University of Michigan.
- 2023-2024 **Co-organizer**, Psycholinguistics Discussion Group. Department of Linguistics, University of Michigan.
- 2023-2024 **Undergraduate Committee**, Department of Linguistics, University of Michigan.

- 2023 **Mentor**, Michigan Summer Program in Cognition and Early Development (MSPICED). 2023. Department of Psychology, University of Michigan.
- 2022 **Panelist**, Students Tackling Advanced Research (STAR) Scholars Program. Professional Development Workshop. October 2022. Department of Psychology, University of Michigan.
- 2022 **Mentor**, Michigan Summer Program in Cognition and Early Development (MSPICED). 2022. Department of Psychology, University of Michigan.
- 2022 **Panelist**, CSP Summer Bridge Program. Undergraduate Research Panel. July 2022. Department of Psychology, University of Michigan.

Research Experience

- 2025 **Graduate Research Assistant**, Language & Literacy Lab (PI: Dr. Ioulia Kovelman). Department of Psychology, University of Michigan.
- 2022-2023 **Research Assistant**, Language & Literacy Lab (PI: Dr. Ioulia Kovelman). Department of Psychology, University of Michigan.
Duties: Standardized language & literacy assessments and neuroimaging with children (ages 6-12). Data collection and organization. Grant editing and revision. Conceptual development and actualization of experimental designs.
- 2022-2023 **Honors Undergraduate Thesis**, Language & Literacy Lab (Advisor: Dr. Ioulia Kovelman). Department of Psychology, University of Michigan.
Study title: How do we read complex words? A lexical morphology priming study
Skills developed: Formulation of a research study. Designing a neurocognitive experiment with linguistic variables. Statistical analyses. Cross-institutional networking (Dr. Helene Deacon, Dalhousie University, Halifax, Nova Scotia).
- 2022-2023 **Research Assistant**, Michigan Summer Program in Cognition and Early Development (MSPICED), Language & Literacy Lab (PI: Dr. Ioulia Kovelman). Department of Psychology, University of Michigan
Duties: Mentoring and training incoming interns (up to 6 students). Data collection, organization, and project management.

Professional Development

- 2022 **Student**, Summer Statistics Workshop. June-August 2022. Department of Psychology, University of Michigan.
- 2022 **Student**, Students Tackling Advanced Research (STAR) Scholars Program. Winter 2022. Department of Psychology, University of Michigan.

Research Interests

Cognitive Neuroscience (fNIRS, EEG)
Psycho-/Neuro-linguistics
Bilingualism & Code-switching
Developmental Psychology

Skills

Technical: PsychoPy, Python, MNE Python, Praat, R programming, MATLAB, NIRx Aurora, EPrime

Languages: English (native speaker), Turkish (native speaker), Spanish (intermediate), Mandarin Chinese (novice), Korean (novice)