# TIMOTHY TRAMMEL

Phone: (209) 481-1182   tgtrammel@ucdavis.edu

## EDUCATION

| | | |
|---|---|---|
| **PhD** | University of California - Davis, Psychology | expected 2024 |
| **MA** | University of California - Davis, Psychology | 2021 |
| **BA** | California State University - Stanislaus, Cognitive Studies | 2018 |
| | Graduated Magna Cum Laude | |
| | Minored in Computer Science | |

## AWARDS

| | |
|---|---|
| **Graduate Student Merit Award,** Society for the Neurobiology of Language | 2022 |
| **Duke's Travel Award** for Cognitive Neuroscience Society | 2022 |
| **Duke's Travel Award** for Society for the Neurobiology of Language | 2021 |
| **SMART Scholarship** | 2018 |

## RESEARCH EXPERIENCE

| | |
|---|---|
| **Graduate Student Researcher**, University of California - Davis | 2018 - present |
| Advisor: Dr. Tamara Y. Swaab | |
| **Research Assistant**, California State University - Stanislaus | 2016 - 2018 |
| Advisor: Dr. Dawn Strongin | |
| **Research and Development Intern**, Sandia National Laboratories | 2016 - 2018 |
| Advisors: Dr. Heather Seipel, Dr. Will Johnson, Edward Walsh | |

## TEACHING EXPERIENCE

| | |
|---|---|
| Introduction to Perception, CSU-Stanislaus, Teaching assistant | 2017 |
| Introduction to Cognitive Processes, CSU-Stanislaus, Teaching assistant | 2018 |

## JOURNAL PUBLICATIONS AND CONFERENCE PAPERS

**Trammel, T.,** Khodayari, N., Luck, S. J., Traxler, M. J., & Swaab T. Y. (2023). *Decoding semantic relatedness and prediction from EEG: A classification method comparison*. (Under review)

Beier, E., Cohn, M., **Trammel, T.,** Ferreira, F., & Zellou, G. (2023). Prosodic focus marking for voice-AI and human addressees. (Under review)

Beier, E., Cohn, M., **Trammel, T.,** Ferreira, F., & Zellou, G. (2021). Prosodic focus in speech directed toward human vs. voice-AI interlocutors. In *Язык-Музыка-Жест: информационные перекрестки (LMGIC-2021)* (pp. 71-73).

## PRESENTATIONS AND CONFERENCE ABSTRACTS

**Trammel, T.,** Khodayari, N., Luck, S. J., Traxler, M. J., & Swaab T. Y. (2022, October 6 - 8). *Decoding semantic relatedness and prediction from EEG: A classification model comparison* [Slide session]. 14th Annual Meeting of the Society for the Neurobiology of Language, Philadelphia, PA, USA.

**Trammel, T.,** Traxler, M. J., & Swaab T. Y. (2022, October 6 - 8). *Leveraging EEG decoding to examine automaticity of predictive coding during speech comprehension* [Poster presentation]. 14th Annual Meeting of the Society for the Neurobiology of Language, Philadelphia, PA, USA.

**Trammel, T.,** Khodayari, N., Traxler, M. J., & Swaab T. Y. (2022, April 23 - 26). *Comparing support vector machines, discriminant function analysis, and random forest for classifying semantic prediction from EEG signals using averaged- and single- trial data* [Poster presentation]. 29th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, USA.

**Trammel, T.,** Traxler, M. J., & Swaab T. Y. (2021, March 13 - 16). *Comparing support vector machine and discriminant function analysis performance for classifying word prediction accuracy* [Poster presentation]. 28th Annual Meeting of the Cognitive Neuroscience Society, virtual.

**Trammel, T.,** Khodayari, N., Traxler, M. J., & Swaab T. Y. (2020, October 21 - 24). *SVM Decoding of Predictive Processing Effects in EEG Signals* [Poster presentation]. 12th Annual Meeting of the Society for the Neurobiology of Language, virtual.

**Trammel, T.,** Khodayari, N., Traxler, M. J., & Swaab T. Y. (2020, May 2 - 5). *Decoding Semantic Content from EEG* [Poster Presentation]. 27th Annual Meeting of the Cognitive Neuroscience Society, virtual.