



# What the eyes reveal about bilingual language processing

Studies of cross-language  
competition, emotion and  
individual differences

Guest Lecture by **Dr. Debra Titone**

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on Brain, Language & Music

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**December 1<sup>st</sup> 4:05 pm**  
**Matherly Hall room 18**  
**Linguistics Thursday Seminars**

## Abstract

Eye movement investigations have been crucial for building a deep understanding of the linguistic processes and representations that support first and second language reading. Eye movement methods are ideally suited to this task: they have great temporal precision, allow researchers to observe language processes as they naturally unfold, and enable gaze contingent manipulations that address theoretical questions with great rigor and precision.

In this talk, I present data from my laboratory investigating a variety of questions of relevance to first and second language reading processes. These include the factors that modulate the real-time comprehension of language-unique words, words that straddle a bilingual's two known languages (e.g., CHAT, which means cat in English and a conversational exchange in French; PIANO, which refers to the same musical object in both English and French), and words that vary with respect to their emotional charge (e.g., SEX vs. SKY). Across studies, we are particularly interested in how differences among bilinguals in L2 ability and other cognitive capacities (e.g., executive control) affect bilingual reading performance.

## Questions?

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