



Psycholinguistics & Computational Cognition Lab

University of California, Riverside

Curt Burgess, Ph.D.

Curt Burgess

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Official Disclaimer

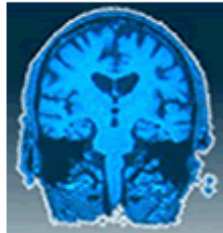
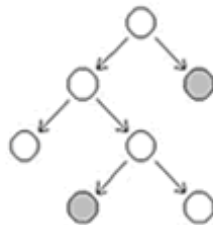
Mission Statement (Officina Edictum)

The focus of our research is how meaning is acquired, represented, and used during language comprehension. Research in the lab encompasses basic word recognition, categorization, syntactic processing, and sentence and discourse comprehension. We employ computational, neuropsychological, developmental, and psycholinguistic methodologies to pursue these questions.

One of our larger scale projects is the Hyperspace Analogue to Language (HAL) model of memory. Our research with this model has spanned a broad range of cognitive phenomena. Recent work has turned to the application of the model to information retrieval in large databases, political analysis, and simulating memory in mental disorders.

The lab is (or has been) funded by the National Institute on Aging, National Science Foundation, the United States Army, and the Digital Media Innovation Program (DiMI) and includes three graduate and six undergraduate students, and Dr. Curt Burgess. Abstracts and reprints of our work are available from the reprint link. Thank you for your interest!

Research Domains



Psycholinguistics

Neuropsychology

Computation

Cognitive Aging

Lab Updates

[We need undergraduate RAs this for Spring 2007!](#) HAL in the brain!!

[Right Hemisphere Language Comprehension](#)

[Future Presentations of Lab Research](#)

Lots of HAL and LSA papers!!

[Lab Meeting Schedule](#)

[Statistical Approaches to Semantic Knowledge Representation](#)

[Dr. Burgess' interviews in APA Monitor](#)

Lab Students Winning Research Awards

[Scholarship of teaching and learning??](#)

[Zana Devitto](#) places in [Graduate Student Research Competition](#)

[Educators call for more research in class!](#)

[Alex Hatzopoulos](#) and [Chris Crew](#) win [Psi Chi Undergraduate Research Competition](#)

[Hey - It's not teaching vs research!](#)

[See Dr.Burgess on the Discovery Channel](#)

[A HAL vector rendered in stained glass!](#)

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