



cognitive, linguistic  
& psychological  
sciences

DEPARTMENT OF COGNITIVE & LINGUISTIC SCIENCES

Box 1978, Providence, RI 02912 | Telephone: (401) 863-2616  
[cog.brown.edu](http://cog.brown.edu)

DEPARTMENT OF PSYCHOLOGY

Box 1853, 89 Waterman Street, Providence, RI 02912 | Telephone: (401) 863-2727  
[psych.brown.edu](http://psych.brown.edu)

[www.brown.edu](http://www.brown.edu)



## Cognitive, Linguistic, & Psychological Sciences Brown University

**Integrating the Study of Mind, Brain and Behavior | Coming July 2010**

We are moving forward with the formation of the Department of Cognitive, Linguistic & Psychological Sciences (CLiPS) in July 2010, dedicated to the multidisciplinary study of mind, brain, behavior, and language. As part of the University's ongoing Plan for Academic Enrichment, CLiPS will be comprised of the current faculties of the Department of Cognitive & Linguistic Sciences and the Department of Psychology, as well as several new hires. Plans are also well underway to house CLiPS in a newly renovated 36,000 sq ft building. Among our combined faculty, we will have particular expertise in the following areas of research and training:

- **Animal Learning, Cognition & Behavior**
- **Cognitive & Behavioral Neuroscience**
- **Cognitive & Language Development**
- **Computational & Formal Modeling**
- **Language Processing**
- **Linguistics**
- **Memory & Cognition**
- **Perception, Action & Sensory Processes**
- **Personality & Self-Perception**
- **Social Cognition**

CLiPS will enhance our three current PhD programs: Cognitive Science; Linguistics; and Psychology. Students entering any of these programs will have access to all current and future CLiPS faculty. Applications for any of the three programs for the 2010-2011 academic year should be submitted online at <http://gradschool.brown.edu/>. Materials will then be forwarded to the relevant graduate program faculty. Beyond the exciting prospects for integrated research and training afforded by CLiPS, Brown has a broad and highly interdisciplinary scientific community pursuing a range of related research questions. This excellence is represented by CLiPS' affiliation with the Brown Institute for Brain Science and its participating departments, including Applied Mathematics, Computer Science, Engineering, Neuroscience, Philosophy, and Psychiatry, as well as the Brown Center for Vision Research and the Brown Magnetic Resonance Facility.

**See <http://clips.brown.edu/> for more information about the Department.**

# Faculty

## current and new hires

**Dima Amso** Cognitive developmental neuroscience of attention and learning

**James Anderson** Neural modeling of Cognitive Processes

**David Badre** Cognitive neuroscience of memory and executive function

**Sheila Blumstein** Speech and lexical processing, cognitive neuroscience of language

**Rebecca Burwell** Neural bases of memory and attention

**Eugene Charniak** Computer comprehension of natural language

**Mary Carskadon** Neurobiology of sleep in children and adolescence

**Russell Church** Computational, cognitive, and neural basis of interval timing

**Ruth Colwill** Animal behavior

**Katherine Demuth** Language acquisition, phonetics/phonology, syntax

**Fulvio Domini** Computational vision

**Michael Frank** Computational modeling, neural mechanisms of learning

**Cynthia Garcia Coll** Race and ethnicity, sociocultural influences on child development (Education)

**William Heindel** Neuropsychology of memory & attention, Alzheimer's disease

**Pauline Jacobson** Syntax/Semantics interface, formal semantics, syntactic theory

**Mark Johnson** Computational Linguistics, Bayesian models of language acquisition & processing

**Joachim Krueger** Social cognition, self-perception, social categorization, stereotyping

**Phillip Lieberman** Evolution and nature of biological bases of language and thought

**Bertram F. Malle** Social cognition, theory of mind, explanations, moral judgment

**James Morgan** Language acquisition, infant speech perception, psycholinguistics

**Thomas Serre** Computational models of biological and machine vision

**Andrea Simmons** Neural mechanisms of sound communication; neural development & regeneration

**Steven Sloman** Causal reasoning, decision making, categorization

**David Sobel** Children's causal reasoning, theory of mind, cognitive development

**Joo-Hyun Song** Visually-guided action, attention, and memory

**Kathryn Spoehr** Human problem solving and reasoning, computer-based learning

**William Warren** Visual perception, visual control of action, spatial navigation

**Leslie Welch** Visual perception, motion perception, perceptual learning

**Jack Wright** Personality, individual differences, developmental psychopathology

**\* Plus several new hires in the coming years**