

## Brown University Department of Psychology Faculty Research Interests



### **Rebecca D. Burwell**

Neural mechanisms of memory and attention in rodent models.

### **Mary Carskadon**

Human sleep and circadian rhythms in young humans. Sleep, cognition, affect regulation, and gene associations. ADHD, sleep-breathing, and cognition.

### **Russell M. Church**

Time perception and timed behavior in humans and other animals. Experimental studies, and explanations in terms of cognitive, computational, and neural processes.

### **Ruth M. Colwill**

Elementary learning processes, particularly Pavlovian conditioning and instrumental learning in vertebrates and invertebrates. Canine Behavior.

### **Cynthia Garcia Coll**

Child Development, parenting, social and cultural influences on development. High risk populations. Normative processes of ethnic/racial minorities.

### **Brian C. Hayden**

Personality and psychopathology; the evolution of children's social cognition and parent-child interactions; Psychology and Law.

### **William C. Heindel, Chair**

Human memory and learning. Neurological substrates of memory and effects of brain damage on components of memory performance.

### **Joachim Krueger**

Social psychology, social cognition, person perception, impression formation, stereotyping and prejudice.

### **Teige Sheehan**

General area: Neural regulation of behavior/behavioral neuroscience. Hormonal and experience-dependent regulation of maternal behavior.

Possible projects: Identifying progesterone's site of action in regulating maternal responsiveness; Neural pathways necessary for the elicitation of maternal care; Identifying molecular pathways invoked during the initiation of maternal behavior.

### **Andrea Megela Simmons**

Animal communication & behavior. Neuroethology. Physiological and behavioral aspects of hearing and vocal communication in vertebrates. Development of auditory and vestibular systems across metamorphosis.

### **Leslie Welch**

Human visual perception; motion perception; spatial vision; stereo vision.

### **John Wincze**

Physiological and cognitive components of sexual responsiveness; correlations among neuroendocrine, vascular, and psychological variables.

### **Bill R. Wooten**

Visual psychophysics and perception; color vision; genetics of color blindness; eye movements.

### **Jack C. Wright**

Personality and social development; assessment and perception of childhood psychopathology; personality continuity and change.

*Updated 3/15/07*