

## PSYCHOLOGICAL SCIENCES

### Program of Study

The goal of this program is to prepare students for careers in college teaching and research. Degrees are offered in two specialty areas: Social Psychology and Cognitive and Biological Psychology. Students develop research skills and conduct research in one of these areas, but also acquire competence in other areas of general psychology and in statistics and experimental design. Students work closely with a research advisor, and begin research involvement in the first year. There are many opportunities for individualized study and directed readings. Opportunities for teaching are also available to advanced graduate students. Applicants should write to faculty members in their area of interest with whom they might want to do research. Both M.A. and Ph.D. degrees are offered.

### Financial Aid

Students in the program are typically supported with Teaching Assistantships or Research Assistantships. These appointments provide a nine-month monthly stipend and a tuition waiver. There are no assistantship application forms. All those who wish to be considered for assistantships should indicate so on the departmental application form.

### Facilities

Facilities in the Psychology Department include laboratories for the scientific study of a wide range of human and animal behavior. Specifically, members of the program in Psychological Sciences perform laboratory research in the fields of animal behavior, social psychology, perception and cognition, cognitive neuroscience, and psychophysiology.

### Location and Housing

The UM campus is located in a scenic area of eastern Maine. Orono is 10 minutes from Bangor and 4 hours by automobile from Boston. Housing for graduate students is available in apartment complexes for married couples and dormitory facilities for single students.

### Application Guidelines

The program seeks well-qualified students who have a broad undergraduate background as well as course work in psychology, including statistics and laboratory courses in experimental psychology. Research experience, computer skills, and a solid background in science and math courses are desirable. Completed applications for graduate study and financial aid should be received by December 31. Applications must include GRE scores (including the advanced test), three letters of recommendation, and transcripts of all previous college work.

For further information visit:

<http://www.hutchinsoncenter.umaine.edu/psychology/graduate.html>

### Correspondence

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## Graduate Faculty

**Michael A. Robbins**, Ph.D. (University of Maine, 1985), Research Associate Professor, Chair. Biopsychosocial correlates of cognitive aging.

**Alan B. Cobo-Lewis**, Ph.D. (University of Wisconsin, 1992), Associate Professor. Visual perception; language development; statistical and computational methods.

**Erika Coles**, Ph.D. (State University of New York, 2006), Assistant Professor. Behavioral and combined treatment for ADHD; parent training, treatment effectiveness of school- and home-based interventions for ADHD.

**Rebecca E. Eilers**, Ph.D. (University of Washington, 1972), Professor. Language development, bilingualism.

**Merrill F. Elias**, Ph.D. (Purdue University, 1963), Professor. Neurobiological correlates of hypertension, age, and cardiovascular disease; behavioral-cardiovascular epidemiology and aging.

**Penelope K. Elias**, Ph.D. (University of Rochester, 1974). Research Associate Professor. Neurobiological correlates of hypertension, age, and cardiovascular disease.

**Shawn Ell**, Ph.D. (University of California, Santa Barbara, 2003), Assistant Professor. Neurobiology of learning and memory, categorization, skill learning, implicit and explicit memory, computational modeling, working memory, basal ganglia, cognitive neuroscience.

**Cynthia A. Erdley**, Ph.D. (University of Illinois, 1992), Associate Professor. Social development, children's peer relationships, children's social-cognitive processes.

**G. William Farthing**, Ph.D. (University of Missouri, 1969), Professor. Decision-making, risk-taking behavior, intrinsic motivation.

**Thane Fremouw**, Ph.D. (University of Utah), Assistant Professor. Cognition, brain, & behavior; auditory neurophysiology; auditory perception; neural basis of cognition, learning, and memory.

**Joel A. Gold**, Ph.D. (Colorado State University, 1966), Professor. Interpersonal attraction (love, equity, jealousy); authoritarianism.

**Donald S. Hayes**, Ph.D. (University of Iowa, 1975), Associate Professor. Mass media effects in children; children's memory functioning; children's friendships.

**Marie J. Hayes**, Ph.D. (Northeastern University, 1979), Professor. Psychological determinants of development in infancy; sleep state organizations and sleep habits; mother-infant attachment.

**Jeffrey E. Hecker**, Ph.D. (University of Maine, 1986), Professor. Sexual offending risk assessment; anxiety disorders.

**Peter J. LaFreniere**, Ph.D. (University of Minnesota, 1982), Professor. Ethology; developmental psychopathology; attachment and early peer relations.

**Shannon McCoy**, Ph.D. (University of California, Santa Barbara, 2003), Assistant Professor. Social psychological study of the self, social identity, and social stigma.

**Douglas W. Nangle**, Ph.D. (West Virginia University, 1993), Professor, Director of Clinical Training. Child and adolescent peer relations; other-sex social interactions and psychological adjustment; social skills assessment and intervention.

**Alan M. Rosenwasser**, Ph.D. (Northeastern University, 1980), Professor. Biopsychology and behavioral neuroscience; circadian and other biological rhythms; animal models of addiction.

**Sandra T. Sigmon**, Ph.D. (University of North Carolina at Greensboro, 1989), Professor. Seasonal affective disorder; depression; coping with cyclical stressors; gender issues in psychopathology.

**Laurence D. Smith**, Ph.D. (University of New Hampshire, 1982), Associate Professor. History and philosophy of psychology; psychology of science; intuitive statistics; perception of graphs.

**D. Alan Stubbs**, Ph.D. (George Washington University, 1967), Professor. Teaching interests: perception, animal behavior, and learning. Research interests: picture perception, perception of graphs, multimedia.

**Geoffrey L. Thorpe**, Ph.D., ABBP (Rutgers University, 1973), Professor. Cognitive-behavior therapy; cognitive assessment.