

Professors

- Bartoshuk, A.K., BSc Sir George Williams; MSc, PhD McGill
- Gardner, R.C., BSc Alberta; MSc, PhD McGill
- Jackson, D.N., BSc Cornell; MS, PhD Purdue
- McClelland, W.J., BA, MA Toronto; PhD London, Chairman of Department
- Mogenson, G.J., BA, MA Saskatchewan; PhD McGill
- Neal, Leola E., BA, MA, PhD Toronto. Dean of Women
- Paivio, A.U., BSc, MSc, PhD McGill
- Turner, G.H., BA, MA, PhD Toronto
- Williams, D.C., BA Manitoba; MA, PhD Toronto. President and Vice-Chancellor
- Wright, Mary J., BA; MA, PhD Toronto

Visiting Professor

- Rokeach, M., BA, MA Brooklyn; PhD California

Associate Professors

- Bucher, B.D., AB Knox; PhD Princeton; PhD Pennsylvania
- Chambers, D.A., BA British Columbia; MSc, PhD McGill. Assistant Dean of Social Science
- Denny, J.P., BA Toronto; PhD Duke
- Kendall, S.B., AB Indiana; PhD Emory
- Kimura, Doreen, BA, MA, PhD McGill
- Lobb, H.O., BA, BEd, MEd Saskatchewan; PhD Toronto
- Murray, H.G., BA, MA UWO; PhD Illinois
- Plyshyn, Z.W. BEng McGill; MSc, PhD Saskatchewan. Associate Professor of Computer Science
- Reitz, W.E., BS Pennsylvania State; MA Illinois; PhD Pennsylvania State
- Schore, M.M., BA, MA UWO; PhD McGill
- Siess, T.F., BA Valparaiso; PhD Minnesota
- Stennett, R.G., BA, MA UWO; PhD McGill (part-time)
- Taylor, F.W.R., BA, MA, PhD Toronto
- Vanderwolf, C.H., BSc Alberta; MSc, PhD McGill. Associate Professor of Physiology
- Vidmar, N.J., AB MacMurray; AM, PhD Illinois
- Wilkinson, F.R., BA Utah; MA Hawaii; PhD Michigan State

Assistant Professors

- Baran, D., BA McGill; MA Columbia; PhD Michigan
- Boles, J.I., BA Cornell College; PhD Indiana
- Carlson, P.M., BS Wisconsin; PhD Washington
- Chamberlain, L.W., BSc UWO; PhD Keele
- Evans, D.R., BA Toronto, MA Ottawa, PhD Toronto
- Fay, T.L., BA Michigan; MS, PhD Northwestern
- Goodstadt, M.S., BA Manchester; PhD Stanford
- Murphy, K.C., BA, PhD Minnesota
- Pederson, D.R., BA Minnesota; MA PhD Iowa
- Prytulak, D.S., BA Toronto, PhD Stanford
- Prytulak, L.S., BA Toronto; PhD Stanford
- Roberts, W.A., BS Maryland; MA, PhD Bryn Mawr
- Rollman, G.B., BA Rochester; MA, PhD Pennsylvania
- Siegel, J.A., BS Purdue, PhD Michigan
- Siegel, W., BA Toronto, PhD Michigan
- Simner, M.L., BA Syracuse; MSc North Carolina State, PhD Cincinnati
- Smeriglio, V.L., BA Brown; MA, PhD Iowa
- Spence, I., MA Glasgow, MA Guelph, PhD Toronto
- Van Fleet, F.M., BA, MA McMaster; PhD Colorado

The graduate program provides advanced training in general psychology with specialization in clinical and experimental psychopathology, cognition and verbal processes, comparative and physiological, developmental, experimental social, learning and motivation, measurement, occupational psychology and counselling, personality theory and research, sensation and perception. The nature of the clinical program is such that students require more than the minimum number of courses set by the Department. In addition, clinical students serve three summers in an agency such as a hospital or clinic.

FACILITIES OF THE DEPARTMENT

Facilities for experimental research include animal laboratories and rooms specially designed for research with human subjects in perception, psychophysiology, learning, personality and experimental social psychology. Standard equipment is available, and additional special equipment necessary for a student's research may be purchased. Facilities to aid in running experiments include a PDP-8s and PDP-12 computers complete with analog converter, oscilloscope, etc. An engineering shop, a work shop and electronic consultants are available. Data processing equipment includes programmable and standard calculators. The University has a large DEC PDP-10 computer installation for time sharing purposes and will soon replace its current batch processing facilities with a large computer system.

The Department has a remote terminal, card reader and printer for use with the PDP-10. In addition to a library of computer programs, full time programmers are available for special programs or consultation.

Potential field settings (and sources of subjects) for research include, in addition to industry and schools, three mental hospitals, psychiatric wards in two general hospitals, an Alcoholism and Drug Addiction Research Foundation, a Child Guidance Clinic, a Children's Psychiatric Research Institute, a Crippled Children's Treatment Center and a nursery school. Four mobile laboratories are available for off-campus research with children.

M.A. DEGREE

The purpose of the master's program is to increase the student's general knowledge of psychology beyond that obtained in undergraduate courses and to train him for research and scholarly work. The program also provides a foundation for advanced training in applied psychology. Candidates are required to take three graduate courses, and to submit a thesis based on an empirical investigation of a problem within some area of psychology. The thesis research is supervised by a faculty member to whom the student is apprenticed.

The minimum residence requirement is one academic year of full-time study by a candidate entering with a Canadian Honors degree or its equivalent, but students do not normally complete requirements for the degree in the Spring and are expected to remain in residence during the summer.

Ph.D. DEGREE

The primary purpose of the doctoral program is to train scientists and university teachers and in some cases, psychological practitioners. The program typically includes graduate seminars and tutorials, a comprehensive examination in one area of specialization, and a dissertation based on a research project. Individual programs of study are encouraged, and include teaching and research apprenticeship training with members of staff. The minimum residence requirement is three academic years of full-time study after an Honors level Bachelor's or two after a Master's degree but minimum residence is usually insufficient. All students are expected to be in residence during the summer.

ADMISSION REQUIREMENTS

M.A. Degree: A student must have obtained an average of at least second class honors (B standing) in the final two years of his undergraduate work combined, to be admitted to the Faculty of Graduate Studies.

PhD Degree: An MA degree in psychology is normally required for admission as a PhD candidate in the Department.

Graduate Record Examination results (Aptitude and Advanced Tests) are required and should be made available at the time of application. (This requirement does not apply to those seeking admission to a Prerequisite Year.) MAT scores may be accepted in certain cases.

COURSES

500-509. Learning and Motivation.

Introduction to S-R and S-S theories of learning; Classical conditioning; operant conditioning; discrimination learning; punishment; stimulus generalization; problem solving; partial reinforcement; frustration theory; sequential theory; memory processes; and motivational models.

510-519. Sensation and Perception.

Psychophysical theory and methods; physiological basis of sensory and perceptual processes and their stimulus correlates; spatial and temporal factors; color vision; adaptational processes; theories and models of perception; and, developmental and motivational aspects of perception.

520-529. Physiological and Comparative.

Neural mechanisms of learning; memory; language; sensory and perceptual processes; attention; sleep and wakefulness; and, neural and endocrine integrations underlying drives and emotional behavior.

530-539. Developmental Psychology.

Human and child psychophysiology; learning, socialization, cognition, and perception in the infant and young child; comparative fetal and infant behavior development.

540-549. Research Design and Measurement.

The Design and Analysis of Experiments; statistical theory; multivariate statistical methods; numerical analysis; statistical computing; measurement and scaling.

550-559. Cognitive Processes. Topics such as concept formation; reasoning; problem solving; computer simulation of cognitive processes; creative thinking; crosscultural variation in thinking processes; decision making and game theory.

560-569. Experimental Social. An overview of problems in social psychology; theory and method; social learning and motivation; person perception; attitudes; social influence; group structure and process.

570-579. Verbal Learning, Memory, and Psycholinguistics. Stimulus and response parameters; coding or mediating processes; theoretical interpretations of verbal learning; processes in short-term and long-term memory; structural aspects of language; psycholinguistic phenomena including developmental aspects; situational determinants, pathology, and individual differences in language and verbal behavior.

580-589. Personality Theory and Research. Critical evaluation of theories concerning the nature and function of the person as a psychological entity; empirical foundations and support for personality theory; personality research methodology; the theoretical and quantitative foundations of assessment; test theory, construction, and validation.

600-609. Educational Psychology. Introduction to educational psychology; the analysis of the general principles of psychology as applied to education;

education of exceptional children including children with emotional, neurological and perceptual disorders as well as the gifted, retarded, and culturally deprived; educational research; educational measurement; and the psychology of teaching and application of learning theory to classroom learning.

620-629. Experimental Psychopathology. Theoretical foundations of psychopathology; etiology; assessment and treatment of behavior disorders and organic impairments.

630-639. Occupational Psychology and Counselling. A critical survey of alternative counselling strategies and approaches; research on counselling practice and counselling outcomes; assessment in counselling; research on occupational choice and career development.

640-649. Current Topics. Proseminars in various areas of specialization conducted in cooperation with many faculty members. Psychology 640 is a general proseminar required of all MA students.

680-689. Tutorial in Experimental and Theoretical Psychology.

590. MA Thesis.

690. PhD Thesis.

Note: At least one seminar in each of the above areas is normally offered each academic year. Seminars are frequently inter-disciplinary with contributors from other Departments, such as: Computer Science, Neurology, Physiology, Sociology, Psychiatry, Physics, and Paediatrics.