The Department of Psychology offers graduate study leading to a PhD degree in psychology. Students in the doctoral program may enter the general psychology, clinical, or industrial/organizational option. Students in the general psychology track will take a broad range of courses before focusing research efforts in one of the many areas of expertise offered by the faculty. The general psychology track offers both a basic and applied science focus and allows students a great deal of flexibility in designing a course of study to fit their needs. Research concentrations exist in behavioral and cellular neuroscience, cognition and cognitive neuroscience, developmental psychology, and social and personality psychology. This option allows students the opportunity to prepare for careers in academic or applied settings. The clinical option offers students specialized training in the area of clinical psychology. In addition to coursework and research, students in this option will have at least three semesters of practicum experience in which they have supervised training in a mental health setting. This course of study also involves a one-year internship. Students in the industrial/organizational option will receive specialized training to prepare them to work in business, consulting, governmental or academic settings. In addition to research and coursework, students in this option will be encouraged to take practica where they receive supervised training in an organizational setting. Students in the clinical and industrial/organizational options will earn their MS degree before beginning work on their PhD degree. The graduate program in psychology is strongly research oriented; all students are expected to become involved with research beginning in their first year.

Faculty

Alexander-Packard, Gerianne, Professor
Psychology
PHD, McGill University, 1991

Arthur, Winfred, Professor
Psychology
PHD, University of Akron, 1988

Balsis, Stephen, Associate Professor
Psychology
PHD, Washington University in St. Louis, 2008

Barnhardt, Terrence, Instructional Associate Professor
Psychology
PHD, University of Arizona, 1993

Bergman, Mindy, Professor
Psychology
PHD, University of Illinois at Urbana-Champaign, 2001

Bourgeois, Anthony, Associate Professor
Psychology
PHD, Baylor University, 1967

Brower, Tracy, Lecturer
Psychology
PHD, Texas A&M University, 2010

Carter Sowell, Assistant Professor
Psychology
PHD, Purdue University, 2010

Clifford, Patrick, Lecturer
Psychology
PHD, Texas A&M University, 2013

Davidson, Emily, Associate Professor
Psychology
PHD, State University of New York at Stony Brook, 1975

Donnellan, Michael, Professor
Psychology
PHD, University of California, Davis, 2001

Edens, John, Professor
Psychology
PHD, Texas A&M University, 1996

Edens, Pamela, Lecturer
Psychology
PHD, Texas A&M University, 1997

Eltan, Shoshana, Associate Professor
Psychology
PHD, Weizmann Institute of Science, 1997

Fields, Shereece, Assistant Professor
Psychology
PHD, University of South Florida, 2008

Geraci, Lisa, Associate Professor
Psychology
PHD, State University of New York at Stony Brook, 2001

Grau, James, Professor
Psychology
PHD, University of Pennsylvania, 1985

Heffer, Robert, Clinical Professor
Psychology
PHD, Louisiana State University, 1988

Hicks, Joshua, Associate Professor
Psychology
PHD, University of Missouri, 2009

Hull, Rachel, Instructional Associate Professor
Psychology
PHD, Texas A&M University, 2003

Lench, Heather, Associate Professor
Psychology
PHD, University of California, Irvine, 2007

Leunes, Arnold, Professor
Psychology
EdD, North Texas State University, 1969
Maren, Stephen, Professor
Psychology
PhD, University of Southern California, 1993

Meagher, Mary, Professor
Psychology
PhD, University of North Carolina at Chapel Hill, 1989

Miner-Rubino, Kathi, Assistant Professor
Psychology
PhD, University of Michigan, 2004

Morey, Leslie, Professor
Psychology
PhD, University of Florida, 1981

Nagaya, Naomi, Research Assistant Professor
Psychology
PhD, University of Southern California, 1993

Packard, Mark, Professor
Psychology
PhD, McGill University, 1991

Payne, Stephanie, Professor
Psychology
PhD, George mason University, 2000

Rholes, William, Professor
Psychology
PhD, Princeton University, 1978

Salter, Phia, Assistant Professor
Psychology
PhD, University of Kansas, 2010

Samuelson, Charles, Associate Professor
Psychology
PhD, University of California, Santa Barbara, 1986

Schapiro, Michelle, Assistant Professor
Psychology
PhD, University of New England, 1998

Schlegel, Rebecca, Associate Professor
Psychology
PhD, University of Missouri, 2009

Schmeichel, Brandon, Professor
Psychology
PhD, Florida State University, 2005

Schmeichel, Eden, Lecturer
Psychology
PhD, Case Western Reserve University, 2002

Schumacher, Jay, Lecturer
Psychology
PHD, Texas A&M University, 1999

Smallman, Rachel, Assistant Professor
Psychology
PhD, University of Illinois at Urbana-Champaign, 2010

Smith, Rachel, Assistant Professor
Psychology
PhD, University of Pennsylvania, 2008

Smith, Steven, Professor
Psychology
PhD, University of Wisconsin-Madison, 1979

Snyder, Douglas, Professor
Psychology
PhD, University of North Carolina at Chapel Hill, 1978

Stagner, Brian, Clinical Professor
Psychology
PhD, University of Massachusetts, 1982

Vaid, Jyotsna, Professor
Psychology
PhD, McGill University, 1982

Van Widenfelt, Clinical Assistant Professor
Psychology
PHD, The Catholic University of America, 1995

Wellman, Paul, Professor
Psychology
PhD, Iowa State University, 1980

Wilcox, Teresa, Professor
Psychology
PhD, University of Arizona, 1993

Woods, Douglas, Professor
Psychology
PhD, Western Michigan University, 1999

Worthy, Darrell, Associate Professor
Psychology
PhD, University of Texas, 2010

Yamauchi, Takashi, Associate Professor
Psychology
PhD, Columbia University, 1997

Masters

- Master of Science in Psychology

Doctoral

- Doctor of Philosophy in Clinical Psychology
- Doctor of Philosophy in Industrial/Organizational Psychology
- Doctor of Philosophy in Psychology

Courses

**PSYC 602 MEMORY & CONSCIOUSNESS**
Credits 3. 3 Lecture Hours.

**PSYC 603 Motivation and Cognitive Processes**
Credits 3. 3 Lecture Hours.
Selected topics in areas of motivation and higher mental processes; symbolic processes in perceptual organization; learning and remembering, reasoning and creativity.
PSYC 605 Memory and Consciousness
Credits 3. 3 Lecture Hours.
Research on consciousness and memory; all levels of conscious awareness associated with memory retrieval from detailed personal experiences of remembering to unaware uses of memory; implicit and explicit memory; automatic and controlled processes; metacognitive explorations of consciousness.
Prerequisite: Graduate classification or approval of instructor.

PSYC 606/NRSC 606 Learning
Credits 3. 3 Lecture Hours.
Procedural and theoretical issues in study of basic learning mechanisms in animals and humans, including Pavlovian and instrumental conditioning. Application of this work to other domains and relevant biological mechanisms also discussed.
Prerequisite: PSYC 340/NRSC 340 or approval of instructor.

PSYC 607 Experimental Psychology
Credits 3. 2 Lecture Hours. 3 Lab Hours.
Experimental methods; developing a general frame of reference for approaching experimental research problems.

PSYC 608 Introduction to Clinical Ethics and Techniques
Credits 3. 3 Lecture Hours.
Ethical and legal issues in clinical practice; development of listening and interpretation skills; supervised practicum in interviewing non-clinical subjects; structured role-play of clinical situations.
Prerequisite: Approval of instructor.

PSYC 609/NRSC 609 Physiological Psychology
Credits 3. 2 Lecture Hours. 3 Lab Hours.
Current research and methodological procedures on physiological bases of sensation-perception, memory and learning, arousal-sleep-attention, emotions and motivation.
Prerequisite: PSYC 335/NRSC 335.
Cross Listing: NRSC 609/PSYC 609.

PSYC 610 Organizational Psychology
Credits 3. 3 Lecture Hours.
Current literature and research in employee motivation, satisfaction, leadership, communication, group conflict and other group processes.

PSYC 611 Personnel Psychology
Credits 3. 3 Lecture Hours.
Application of psychological principles and research methods to the areas of selection, placement, job analysis, performance appraisal and training.
Prerequisites: PSYC 351 or equivalent and graduate classification or approval of instructor.

PSYC 613 Practicum in Psychological Assessment
Credits 1 to 4. 1 to 4 Other Hours.
Application of psychological assessment across the life-span; assessment of cognitive, intellectual, academic, and memory abilities and adaptive behavior; assessment of personality, behavioral style, and systems/ environment; integration of assessment measures in comprehensive psychological evaluations; attendance required at Practicum Seminar designed to integrate research, coursework, and applied training and supervisory instruction from a faculty supervisor; at least 3 credits and no more than 18 credits applied to degree plan.
Prerequisites: PSYC 623 and PSYC 624, or approval of instructor.

PSYC 614 Practicum in Psychology
Credits 1 to 6. 1 to 6 Other Hours.
Practical on-the-job experience for graduate students. Activities will be guided by psychologists in the following areas: behavior modification, social, clinical, experimental and industrial. Supervision will be provided by members of University staff. May be taken more than once but not to exceed 18 hours of credit toward a graduate degree.
Prerequisite: Approval of instructor.

PSYC 615/NRSC 615 Perceptual Processes
Credits 3. 3 Lecture Hours.
Complex sensory and perceptual phenomena with emphasis on the relationship between perception and motivation, cognition, creativity and instinctive/ethological; learning/experiential factors in higher level perceptual processes.
Cross Listing: NRSC 615/PSYC 615.

PSYC 616 Treatment of Problem Behavior in Children and Families
Credits 3. 3 Lecture Hours.
Current methods of treating families with children displaying aggressive, hyperactive, underachieving and other problem behaviors in natural settings; behavior of children and adolescents at home, school and at play.
Prerequisite: Approval of instructor.

PSYC 617 Analytical Psychology
Credits 3. 3 Lecture Hours.
Survey emphasizing Jungian psychology but including coverage of Freudian psychology; application of analytical principles and concepts to a variety of clinical issues and situations.
Prerequisite: Approval of instructor.

PSYC 618 Psychology of Persuasion
Credits 3. 3 Lecture Hours.
Theory and scientific evidence regarding strategies and tactics of persuasion; explores theoretical controversies and presents potential integrations.

PSYC 619 History and Systems of Psychology
Credits 3. 3 Lecture Hours.
Historical examination of scientific psychology's antecedents in philosophy and physiology; early systems of psychology including structuralism, functionalism, behaviorism, Gestalt psychology and psychoanalysis.
Prerequisite: Graduate classification.

PSYC 620 Theories of Social Psychology
Credits 3. 3 Lecture Hours.
Current theories of social psychology and a review of related studies to these theories; theories of attitude change, prosocial behavior, aggression, equity, coalition formation, social learning and S-R theory applied to social behavior.
Prerequisite: PSYC 315 or SOCI 411.

PSYC 621 Seminar in Social Psychology
Credits 3. 3 Other Hours.
Attitudes and persuasion; small group interaction and performance; prosocial behavior; aggression; self concept; applied social problems; gender differences in social interaction; and social cognition. May be repeated up to three times for credit.
Prerequisite: Approval of instructor.
PSYC 622 Emotions: Neuroscience, Cognitive, & Social Approaches Credits 3. 3 Lecture Hours.
Emotions: Neuroscience, Cognitive, & Social Approaches. Overview of the issues in the scientific study of emotions; focus on neuroscience, cognitive, and social approaches; introduction to theory and research in major areas of emotions research.
Prerequisite: Graduate classification.

PSYC 623 Psychological Assessment I Credits 3. 3 Lecture Hours.
Principles of psychological testing; uses and critical evaluation of tests of achievement, intelligence, aptitude and personality.

PSYC 624 Psychological Assessment II Credits 3. 3 Lecture Hours.
Theory and application of psychological assessment of children, adolescents, and adults; assessment of cognitive, intellectual, academic, and memory abilities and adaptive behavior; integration of assessment measures in comprehensive psychological evaluations.
Prerequisite: PSYC 623 or approval of instructor.

PSYC 626 Psychopathology Credits 3. 3 Lecture Hours.
Various symptom categories in psychopathology including differing theoretical conceptualizations of these symptom categories, and theories and research concerning etiology and treatment.

PSYC 627 Psychological Assessment of Children and Adolescents Credits 3. 3 Lecture Hours.
Theory and application of psychological assessment of toddlers, children, and adolescents; assessment of cognitive, intellectual, academic, and memory abilities and adaptive behavior; assessment of personality, behavioral style, family functioning, and child-focused systems; integration of assessment measures in comprehensive psychological evaluations.
Prerequisite: PSYC 624 or approval of instructor.

PSYC 628 Behavior Disorders in Children Credits 3. 3 Lecture Hours.
Different systems of classification including research and theory about the origins and anticipated outcomes of various emotional disorders; families of disturbed children; major treatment approaches and community resources for intervention.
Prerequisites: PSYC 407 or equivalent and graduate classification or approval of instructor.

PSYC 629 Seminar in Clinical/Community Psychology Credits 3. 3 Other Hours.
Assessment and treatment of specific clinical disorders such as depression, sexual dysfunctions and deviations, anxiety-based disorders, autism, marital distress and psychophysiological disorders. May be repeated up to three times for credit.
Prerequisites: PSYC 608 and PSYC 626; PSYC 623 or equivalent.

PSYC 630 Health Psychology and Behavioral Medicine Credits 3. 3 Lecture Hours.
Theory, research and practice of health psychology emphasizing the prevention and modification of health compromising behaviors; psychological management of stress, pain and chronic/terminal illness; effective interventions for specific health behaviors/disorders.
Prerequisite: Graduate classification.

PSYC 632 Gender and Minority Issues in Clinical Psychology Credits 3. 3 Lecture Hours.
Human behavior and mental health as a function of culture, gender and sexual orientation; discussion of absolutist, relativist and universalist perspectives in cross-cultural psychology; psychology of stereotype and prejudice; adjustment through acculturation and biculturalism; learning about our own and other cultures.

PSYC 633 Gender and Minority Issues in Clinical Psychology Credits 3. 3 Lecture Hours.
Biological, psychological and cultural interrelationships in human development; principles and methods as illustrated in research and theoretical contributions; experiences in procedures of child study.
Prerequisite: Graduate classification.

PSYC 634 Principles of Human Development Credits 3. 3 Lecture Hours.
Exposure of graduate students to neuroscience research, theory, and proposal development; research presentations by guest speakers, faculty, and graduate students; Discussions, readings and presentations on issues related to research design, statistics, methodology, ethics, IACUC, grant writing, presentation skills, job talks, and other relevant topics. May be taken four times for credit.

PSYC 635 Behavioral and Cellular Research Seminar Credits 2. 2 Other Hours.
Assessment and treatment of specific clinical disorders such as depression, sexual dysfunctions and deviations, anxiety-based disorders, autism, marital distress and psychophysiological disorders. May be repeated up to three times as topics change.
Prerequisite: Graduate classification.

PSYC 637 Clinical Interventions I Credits 3. 3 Lecture Hours.
Theory, research and techniques related to evidence-based behavioral and cognitive-behavioral approaches to clinical interventions; ethical, professional, multicultural and history/systems issues in therapeutic psychological interventions.
Prerequisite: Enrollment in Clinical Psychology Graduate Program or approval of instructor.

PSYC 638 Clinical Interventions II Credits 3. 3 Lecture Hours.
Theory, research, and techniques related to evidence-based interpersonal, psychodynamic, group therapy, and family therapy approaches to clinical interventions; ethical, professional, multicultural, and history/systems issues in therapeutic psychological interventions.
Prerequisite: Enrollment in Clinical Psychology Graduate Program or approval of instructor.

PSYC 639 Pediatric Psychology Credits 3. 3 Lecture Hours.
Application of clinical/counseling/school psychology to children and adolescents with chronic illnesses or disabilities and their families; theoretical foundations and models for consultation, assessment and intervention strategies; unique ethical and professional issues associated with research and service delivery in child health psychology/pediatric behavioral medicine.
Prerequisite: Approval of instructor.
PSYC 649/NRSC 649 Seminar in Behavioral Neuroscience
Credits 3. 3 Lecture Hours.
Behavioral neuroscience; including behavioral pharmacology, neuropharmacology, methods and techniques, drug reinforcement, behavioral toxicology, pain perception and ingestive behavior. May be repeated up to three times for credit.
Prerequisites: PSYC 606/NRSC 606 or equivalent; PSYC 609/NRSC 609; graduate classification.
Cross Listing: NRSC 649/PSYC 649.

PSYC 650/NRSC 650 Clinical Psychopharmacology
Credits 3. 3 Lecture Hours.
Survey of topics in clinical psychopharmacology, including pharmacodynamics, major neurotransmitter systems, and therapeutic applications and limitations.
Prerequisite: Graduate classification or approval of instructor.
Cross Listing: NRSC 650/PSYC 650.

PSYC 670 Professional Seminar in Social Psychology
Credits 2. 1 Lecture Hour. 2 Lab Hours.
Survey of recent theoretical, methodological and empirical developments in social psychology; different topics each semester will include theory and research on attitudes and persuasion, social cognition, interpersonal relationships, group processes, social development, and personality and social behavior. May be taken for credit up to eight times.
Prerequisite: Enrollment in the psychology PhD program.

PSYC 671/NRSC 671 Experimental Design for Behavioral Scientists
Credits 3. 2 Lecture Hours. 3 Lab Hours.
Intensive practical study of designs of special interest to behavioral scientists; repeated measures designs.
Prerequisite: STAT 652 or equivalent.
Cross Listing: NRSC 671/PSYC 671.

PSYC 678/CPSY 678 Couples Therapy
Credits 3. 3 Lecture Hours.
Theory and practice of marital therapy emphasizing systems and communication approaches; effective strategies and techniques; therapy with specific marital problems and obstacles to effective therapy.
Prerequisites: CPSY 631; CPSY 639 or equivalent.
Cross Listing: CPSY 678/PSYC 678.

PSYC 680 Seminar in Organizational Psychology
Credits 3. 3 Other Hours.
Areas of organizational psychology; job stress, socialization processes, motivation, leadership, person perception in organizations, conflict management. May be repeated up to five times for credit; content will vary by semester.
Prerequisite: PSYC 610 or approval of instructor.

PSYC 681 Industrial/Organizational Psychology
Credits 1 to 3. 1 to 3 Lecture Hours.
Both research and applied colloquia provided by I/O psychologists and individuals in related disciplines.
Prerequisite: Graduate classification.

PSYC 682 Seminar in Personnel Selection and Placement
Credits 3. 3 Other Hours.
Personnel selection and placement including job analysis and evaluation, psychological testing, test development, psychometric theory, theories of test fairness, validity generalization, utility theory, performance appraisal and selection/placement decision models. May be repeated up to five times for credit; content will vary by semester.
Prerequisite: PSYC 611 or approval of instructor.

PSYC 684 Professional Internship
Credits 1 to 12. 1 to 12 Other Hours.
Full-time clinical experience in a departmentally-approved internship training facility. Limited to advanced doctoral students specializing in clinical psychology. May be taken up to 12 hours total.

PSYC 685 Directed Studies
Credits 1 to 4. 1 to 4 Other Hours.
Directed individual study of selected problem in psychology or special topics to fit small group requirements.
Prerequisite: Approval of instructor.

PSYC 689 Special Topics in...
Credits 1 to 4. 1 to 4 Lecture Hours.
Selected topics in an identified area of psychology. May be repeated for credit.
Prerequisite: Graduate classification.

PSYC 690 Cognoscenti: Professional Issues in Cognitive Psychology
Credits 2. 2 Lecture Hours.
Introduce students to current themes in research, theory and practice in cognitive psychology; presentations by guest speakers from within and outside the University.
Prerequisite: Graduate enrollment in psychology.

PSYC 691 Research
Credits 1 to 23. 1 to 23 Other Hours.
Research for thesis.

PSYC 697 Seminar in the Teaching of Introductory Psychology
Credits 3. 3 Lecture Hours.
Introductory methods relevant to teaching psychology; for graduate students assisting in the teaching of PSYC 107.
Prerequisite: Graduate classification.