Welcome!

A MESSAGE FROM THE DEPARTMENT CHAIR

On behalf of my colleagues, I would like to welcome you to our department. This brochure is intended to provide you with an overview of our research priorities, educational programs and clinical services.

The department is fortunate to have significantly expanded over the past several years through the recruitment of exceptional faculty, excellent residents and postdoctoral candidates, and dedicated staff. Psychiatry and Behavioral Sciences is now the second largest department in the School of Medicine, with more than 70 full-time psychiatrists and psychologists and approximately 130 volunteer faculty members. It also has about 50 positions in a variety of postgraduate medical education and psychology programs. In addition, we are one of the top departments in research funding, with over $42 million in grants.

The clinical services, research programs and educational programs are described in greater detail on the pages to come. I hope that you will find this brochure informative in providing you with an overview of the department. You may also visit the department’s Web site at www.ucdmc.ucdavis.edu/psychiatry/

Sincerely,

Robert E. Hales, M.D., M.B.A.
Joe P. Tupin Professor and Chair
The Department of Psychiatry and Behavioral Sciences offers a wealth of opportunities to students and faculty for clinical and research applications in all aspects of psychiatry and behavioral sciences.

Faculty members engage in a wide variety of research programs, including inquiries into the causes and cures of major psychiatric disorders; quality of care; medical education; child and forensic psychiatry; the nature and process of psychotherapy; and ways in which “telemedicine” networks can be used to extend psychiatric care to rural communities.

The department employs approximately 260 people and includes nearly 70 psychiatrists and psychologists, 130 volunteer clinical faculty and 52 trainees in six training programs: general psychiatry, psychiatry-family practice, child and adolescent psychiatry, forensic psychiatry, psychosomatic medicine and post-doctoral psychology fellowships.

Psychiatry faculty have major administrative responsibilities at UC Davis Medical Center and School of Medicine, including directorships at the Center for Neuroscience, the Medical Investigation of Neurodevelopmental Disorders (M.I.N.D.) Institute, the Imaging Research Center and the Schizophrenia Research and Education Program.

The faculty play an important role in academic committees, including currently chairing the School of Medicine’s committees on Educational Policy and Admissions Policy and the medical center’s Physician Health Committee.

Members of the department also assume prominent positions in local and national professional societies and organizations. Faculty members are currently serving as medical directors for Children’s Services for California’s Department of Mental Health as well as Mental Health Services for Sacramento County. The faculty includes a member of the National Academy of Sciences, the president-elect of the American Academy of Child and Adolescent Psychiatry, the editor-in-chief of American Psychiatric Publishing, Inc., the president of the Association for Academic Psychiatry, Executive Council members of the American Association of Directors of Psychiatric Residency Training and the Association of Directors of Medical Student Education in Psychiatry, and past presidents of the Society for Professors of Child Psychiatry and of the Association for Academic Psychiatry.
UC Davis is one of 10 campuses of the University of California. Approximately 150 laboratories, extension centers, research and field stations strengthen teaching and research, while providing public service to California and the nation. The collections of the more than 100 UC campus libraries are surpassed in size in the United States only by that of the Library of Congress.

UC Davis’ reputation has attracted a distinguished faculty of scholars and scientists in all fields. Creative teaching and academic innovation are encouraged by several programs, including the $30,000 Prize for Teaching and Scholarly Achievement, believed to be the largest award of its kind in the country.

UC Davis is the largest University of California campus, with 5,200 acres. It ranks second among the UC Campuses in total expenditures and third in enrollment, which includes more than 23,500 undergraduates and 6,700 graduate and professional students.

The Davis campus has undergraduate colleges of Agricultural and Environmental Sciences, Engineering, Letters and Science and Biological Sciences. Graduate studies and research occur in all schools and colleges. Professional studies are offered in the schools of Law, Management, Medicine and Veterinary Medicine.

Located off-campus are numerous laboratories, extension centers and facilities, including the Lake Tahoe Center for Environmental Research, the Veterinary Medicine Teaching and Research Center in Tulare, Bodega Marine Laboratory at Bodega Bay, the College of Engineering’s applied science department at Livermore and the UC Davis Washington Center in Washington, D.C.
UC Davis School of Medicine was founded in 1966 and is one of five University of California medical schools. The UC Davis School of Medicine (with facilities in Davis and Sacramento) has a major impact in Northern California through education of new physicians, research activities, patient care and public service. The UC Davis School of Medicine ranked among the top 50 graduate programs for research in 2004 according to an annual survey published by U.S. News and World Report.

UC Davis Medical Center ranks among the top 50 hospitals in America, according to an annual survey published by U.S. News & World Report. It is also home to the only NCI-designated cancer center between San Francisco and Portland, Ore.

Faculty in the School of Medicine specialize in a wide range of basic and applied research, including those related to neuroscience, cancer biology, vascular biology, genetic diseases and functional genomics, health services, infectious diseases, nutrition, telemedicine and vision science.

UC Davis Health System collaborates with several affiliated research institutions, including the Shriners Hospital for Children, Veterans Affairs Health System, USDA Western Human Nutrition Research Center and the Lawrence Livermore National Laboratory.

In addition, School of Medicine faculty are engaged in innovative collaborations within the UC Davis community — including the California Regional Primate Research Center, the School of Veterinary Medicine, the Division of Biological Sciences, the College of Agriculture and Environmental Sciences and the College of Engineering.
Sacramento and Davis are located in the heart of the Central Valley between the Coast Range to the west and the towering Sierra Nevada to the east. It takes about two hours to drive either to the San Francisco Bay Area or the ski slopes above beautiful Lake Tahoe.

Sacramento, California’s capital, boasts large parks, a 26-mile river parkway and bike trail, historic neighborhoods and a range of cultural attractions.

Davis has a friendly, college-town feel. Its thriving downtown offers small shops, art galleries, a farmer’s market and international restaurants. The university’s new Mondavi Center for the Performing Arts provides a world-class venue for the community.

Central Valley winters are generally mild and rainy. Summers are sunny, hot and dry. Although on some days the thermometer can exceed 100 degrees, summer days are usually in the low 90s and a reliable sea breeze cools overnight temperatures to the 60s. Spring and fall weather is among the most pleasant in the state.
The Department of Psychiatry and Behavioral Sciences offers ACGME-accredited training programs in general adult, child, and forensic psychiatry; combined training in psychiatry and family practice, psychosomatic medicine, and research.

The centerpiece of the psychiatry residency training programs is the personal interaction among residents and faculty in the clinical arena. Faculty are committed to the educational process and bring the necessary depth and diversity to teaching and supervision in all major areas within psychiatry.

The department’s educational goal is to train psychiatrists who are equipped to provide the highest quality of patient care. Residents receive a firm grounding in psychodynamic principles applicable to their patients, as well as biological determinants of behavior and methods of treatment.

Abundant opportunities are provided for residents to maximize their professional development through research, reading, reflection and scholarship. Residents work closely with faculty members who share their academic and subspecialty interests. Residents also participate in the educational mission of the department through the teaching of medical students and a specialized “teaching track” is available to residents interested in medical education.

Personal digital assistants (PDAs) are given to all new residents to record patient encounters, assist in clinical decision-making and allow electronic sign-out for on-call responsibilities.

Hendry Ton, director of fourth year medical student electives, with a medical student

Mark Servis, Roy Brophy professor and vice chair for education, with residents
The Department of Psychiatry offers:

- A four-year general adult residency program
- A two-year child residency program
- A five-year program in adult and child psychiatry
- A one-year forensic residency program
- A one-year research fellowship
- A five-year program in family practice and psychiatry
- A one-year psychosomatic medicine fellowship.

The general adult program consists of 32 residents, eight in each year, with entry at the PGY I level. Occasional openings occur in the PGY II year with the possibility of entrance into the program at that point, providing the applicant has satisfied ACGME prerequisites for training.

- PGY I rotations consist of three months internal medicine, two months neurology, one month pediatrics, two months consultation-liaison psychiatry, one month forensic inpatient psychiatry, one month addiction psychiatry, and two months adult outpatient psychiatry.
- PGY II rotations consist of six months adult inpatient, four months adult outpatient and two months emergency psychiatry.
- PGY III rotations consist of 12 months adult and child outpatient psychiatry.
- PGY IV rotations consist of nine months chief resident or research elective and three months elective.
Though the program has specific required rotations, residents are encouraged to modify their training, when possible, utilizing the extensive resources of the department. Residents actively participate with the residency training director in improving the program and their educational experience. The result is a residency training program that is open, progressive and responsive to individual resident needs.

The **Child Track** combines adult psychiatry and child and adolescent psychiatry residency training in preparation for dual board certification. The curriculum follows the guidelines of the American Board of Psychiatry and Neurology for both adult and child psychiatry. Both programs are fully accredited residency programs at UC Davis.

The **Teaching Track** provides residents the opportunity to teach in the longitudinal Doctoring course in the School of Medicine. Residents co-facilitate with an experienced faculty member a small group of medical students that meets every two to three weeks during the first, second and third year of medical school. The courses focus on patient interviewing, the doctor-patient relationship, ethics, professionalism and psychosocial aspects of patient care. Teaching Track residents also teach junior residents during their PGY IV year and participate in educational research projects in the department.

The **Research Track** within the Adult Psychiatry Residency provides a mentored research training experience for residents interested in a career in academic psychiatry. This four-year program combines one year of full-time mentored research training with three years of clinical training. The clinical training satisfies all requirements for board eligibility by the American Board of Psychiatry and Neurology for Adult Psychiatry. No clinical service is required during the year of research training. Research training normally occurs during the third or fourth year of the residency. In some cases, 24 months of half-time research may be available as an option. Additional full-time or part-time research training may also be pursued, but would likely require extending residency training beyond the minimum of four years. Opportunities for mentored research training are available through a variety of academic programs at UC Davis.
The **Combined Family Practice and Psychiatry Residency Training Program** prepares residents for dual board certification. The curriculum of the five-year program follows guidelines published jointly by the American Board of Family Practice and the American Board of Psychiatry and Neurology. The program was awarded the American College of Psychiatrists Creativity in Psychiatric Education Award in 1998.

The **Child and Adolescent Psychiatry Residency** is a two-year, ACGME-accredited program. The Division of Child and Adolescent Psychiatry has a strong focus on neurodevelopmental research and community-based treatment and has a faculty of 10 child and adolescent psychiatrists, nine child and adolescent psychologists and six residents (three per year). The residency is designed to provide trainees with the clinical experience, knowledge and skills necessary to deliver the highest quality psychiatric care to children and their families. Emphasis is placed on the residents’ direct clinical work with a broad mix of patients and families in a variety of clinical settings. A diverse faculty provides close clinical supervision.

The **Forensic Psychiatry Residency Training Program** is a one-year, ACGME-accredited program that provides extensive exposure to a variety of criminal and civil forensic psychiatry experiences. The forensic staff consists of five psychiatrists with Added Qualifications in Forensic Psychiatry and a forensic psychologist. Forensic residents receive clinical training in both criminal and civil settings and rotate through the Sacramento County Jail outpatient service, Napa State Hospital and private practice clinics of the teaching staff. Extensive didactic seminars are provided for forensic residents in both criminal and civil forensic psychiatry.

The **Psychosomatic Medicine Fellowship Program** is available to one post-graduate psychiatrist for one year. The Department of Psychiatry and Behavioral Sciences has a busy Consultation-Liaison Service that provides psychiatric consultation to the medical center and Shriners Hospital. Fellows receive extensive experience in conventional, medically oriented inpatient and outpatient psychiatric consultation and in liaison psychiatry. The program develops the fellow’s clinical expertise and, through the fellow’s teaching and liaison efforts, increases the mental health skills and knowledge of physicians and medical center staff from other disciplines.

**Fourth year opportunities for medical students** include psychiatry electives. A medical student clerkship provides experiences and information that form the basis for skills in psychiatric diagnosis and therapeutics. The emphasis is on routine patient management, interviewing skills, mental status exam and psychiatric differential diagnosis and covers basic pharmacologic approaches as well as crisis assessment and intervention.
Department faculty are involved in 56 active research grants, totaling more than $42 million. The department is one of the top research departments in the School of Medicine. Research is conducted at a number of sites throughout Northern California.

The M.I.N.D. (Medical Investigation of Neurodevelopmental Disorders) Institute is a research organization located in two newly constructed buildings on five acres of the UC Davis Medical Center campus in Sacramento. More than $7 million in grants have been awarded to 10 faculty and research fellows. Research focuses on autism, Asperger’s syndrome, fragile X syndrome and other neurodevelopmental disorders.

The UC Davis Imaging Research Center in Sacramento supports a high quality magnetic resonance-based and multimodal imaging research program, with a strong emphasis on imaging neuroscience. The center includes a 1.5 and a 3 Tesla scanner, a new ERP lab, a Neuroscan MAGLINK system for real time fMRI/ERP recording and new computing and informatics resources to support the processing, analysis, display and storage of imaging data. Current projects relate to schizophrenia, methamphetamine abuse and dependence, bipolar disorder, autism and panic disorder.

Former department chair Joe Tupin with visiting professor and 2000 Nobel Prize winner Eric Kandel and department chair Robert Hales.

Sally Ozonoff, associate professor and Asperger’s Syndrome researcher

Cameron Carter, professor and director of UC Davis Imaging Center
The Alzheimer’s Disease Center has established a highly functional infrastructure supporting clinical research with a focus on understanding factors influencing the expression and progression of Alzheimer’s disease.

The Center for Neuroscience, established in 1990, has become the focus of interdisciplinary studies in cellular, molecular, systems and cognitive neuroscience. Today the center has 25 in-house faculty and an additional 40 associated faculty drawn from the university and UC Davis Medical Center. The center places special emphasis on sensory physiology, on the molecular-genetic basis of neuronal function and its development, on the search for genetic markers in psychiatric diseases and on combining information obtained from different brain-imaging techniques, including fMRI and ERPs, for the study of human cognition and the development of improved methods to treat brain injury and disease.

Ladson Hinton, associate professor, and Teresa Ortiz, research coordinator, talk with SALSA research participant

Sally Rogers, professor and autism researcher

Marie Burns, vice chair for research
Other research facilities include the Center for Children's Environmental Health and Disease Prevention Research, the Mouse Biology Program, the California Regional Primate Research Center, the UC Davis Sleep Laboratory, the Child Development Center and the UC Davis Genome and Biomedical Sciences Facility. Napa State Hospital and Lawrence Livermore National Laboratory are other active research sites.

Psychiatry faculty are conducting major research in the neurology of primate social behavior, deactivation mechanisms of rod phototransduction, sleep patterns in adolescence, dementia care-giving, activity dependent plasticity in the sensory cortex, the brain lactate response to photic stimulation in panic disorder, neural damage in methamphetamine users, risk factors in autism, teaching speech to nonverbal children with autism, translational control of olfactory adaptism in *C. elegans* and cognitive neuroscience of schizophrenia.

The Diversity Advisory Committee, consisting of 10 faculty members, encourages the development of research and publications that encompass cultural diversity. The department has developed a national reputation in cultural psychiatry. The committee members serve as mentors to residents who have received minority fellowships from the NIMH/APA minority fellowship program. They also support grand rounds speakers and special symposia that address topics related to cultural diversity.
The Department of Psychiatry and Behavioral Sciences offers a full complement of diagnostic, psychotherapy and medication management services for children and adults experiencing psychiatric disorders. Specialized programs include cognitive-behavioral, group, family and couples psychotherapy. Evaluations are often multidisciplinary and may include psychiatric assessment, psychological testing, family or educational assessment, speech and language evaluation, or complete medical assessment.

The Mental Health Treatment Center, located one block from the medical center, provides care for patients receiving services in Sacramento County's 100-bed, free-standing, acute inpatient unit and crisis service unit. Patients are cared for by inpatient teams, comprised of an attending psychiatrist, a PGY II resident, two medical students, a clinician, a nurse, mental health workers, a discharge planner and other clinical and support staff.

The Adult Psychiatry Support Services Clinic provides clinical services to assist people returning to work. About one-third of the patients require language translators, who are on site. Patients are mostly women and include many refugees. PGY II residents and medical students provide outpatient care at this site, along with five attending physicians who provide supervision.
Northgate Point provides services to about 1,800 chronically mentally ill patients. PGY II residents work one half-day a week and follow selected patients for six months or longer under faculty supervision. The Northgate Point Regional Support Team has been recognized as a national model for culturally appropriate services.

Consultation liaison provides services at UC Davis Medical Center and Shriners Hospital. Consultations are provided for a variety of patients, including those who will undergo gastric bypass surgery or kidney or liver transplants. The program includes five faculty, two residents, a nurse clinician and two to four medical students.

The Outpatient Psychiatry Clinic serves patients of all ages who are covered by insurance or self-pay. Staff include four attending physicians with training in child, general and geriatric psychiatry and seven to nine residents (PGY III and IV). Multiple forms of individual psychotherapy and couples therapy are given (CBT, IPT, DBT, psychodynamic). Videotaping is used extensively for supervision.

Jail Psychiatric Services (JPS) is a busy consultation service, serving 4,200 inmates at Sacramento County Main Jail and Rio Cosumnes Correctional Center. JPS also operates a 17-bed inpatient unit at the Main Jail. One or two PGY IIs, two forensic fellows and two to three medical students rotate through the service with five forensically trained attending physicians. Approximately 600 patient visits are conducted per month.

The UC Davis Research Unit at Napa State Hospital has three faculty and one forensic fellow and is offered as an elective for PGY IVs.

Shriners Hospital for Children Northern California provides care to children for acute treatment and rehabilitation of orthopaedic, spinal cord and acute burn injuries. Two faculty are included in multidisciplinary teams that provide psychiatric services to children and their families.

Telemedicine and Health Technology Center offers consultation services and educational outreach to primary care physicians in rural areas throughout Northern California. Three faculty provide services, as well as rotating PGY III and IV residents.

The Geropsychiatry Clinic specializes in evaluating and managing older adults. The clinic offers specialty care and addresses common psychiatric problems, including depression and anxiety. Two geropsychiatrists and four medical residents are on staff and geriatric fellows and medical students rotate through.

Child and Adolescent Psychiatric Services (CAPS) is the county outpatient clinic for children under 18 years and is a primary training site for child psychiatry residents.

The Minor Emergency Response Team (MERT), located at the Sacramento County Mental Health Treatment Center, is a crisis unit for children under 18 years. The team includes child psychiatry fellows, psychologists and psychiatrists.

The VA Hospital at Mather, on the site of the former Mather Air Force Base, offers consultation and substance abuse services as well as inpatient care.

Heritage Oaks is a private hospital that contracts with Sacramento County for children who need hospitalization. Department child psychiatrists, child psychiatry fellows, child psychologists and post-doctoral child psychology fellows serve these county patients at the facility.
Administrative Services

Offices for the Department of Psychiatry and Behavioral Sciences are located at the UC Davis Medical Center in Sacramento, at 2230 Stockton Blvd.

Contact Information:

Residency Information
Marilyn Clark, Training Program Manager
(916) 734-5514 or marilyn.clark@ucdmc.ucdavis.edu

Clinic Information
Neta Robinson, Practice Manager
(916) 734-4372 or neta.robinson@ucdmc.ucdavis.edu

Consultations
(916) 734-3372

Administration
Narriman C. Shahrokh, Chief Administrative Officer
(916) 734-3123 or ncshahrokh@ucdavis.edu

Department Chair
Robert E. Hales, M.D., M.B.A., Joe P. Tupin Professor and Chair
(916) 734-2960 or rehales@ucdavis.edu