



David Grant USAF Medical Center
Graduate Medical Education

101 Bodin Circle
Travis Air Force Base,
California 94535



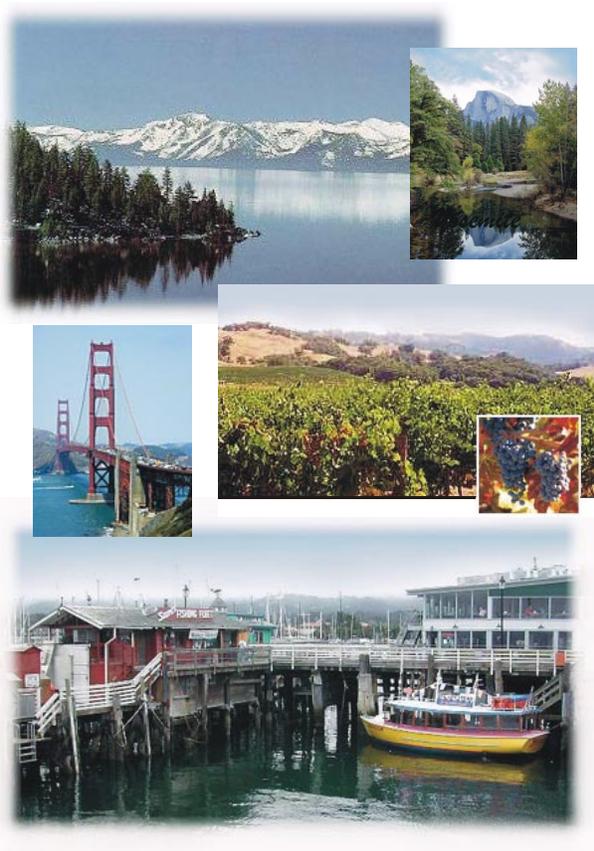
C-5 over San Francisco's Golden Gate Bridge

David Grant is a premier U.S. Air Force Medical Center and tri-service regional lead agent for 79,000 beneficiaries. The medical center provides or arranges comprehensive community and referral health care, readiness, education, research, aeromedical staging, and DOD/VA Joint Venture. Annually supports over 417,000 outpatient visits, 5,791 admissions, 40,500 dental visits, and 129 research protocols with 124 residents, 1,974 staff, and a budget of \$161M.

Travis Air Force Base is the home of Headquarters 15th Air Force, the 60th Air Mobility Wing (Air Mobility Command), the 349th Air Mobility Wing (Air Force Reserve Command), and dozens of other tenant units, including a detachment of the Navy's Fleet Air Reconnaissance Squadron THREE and the Army's 3rd Brigade, 91st Division.

Team Travis' primary mission is to be "America's First Choice" for providing rapid global mobility: the airlift and air refueling assets needed to deliver military aircraft, people and equipment wherever and whenever they are needed.

Nestled among the northern California communities of Fairfield, Suisun City and Vacaville, Travis AFB is less than an hour from San Francisco, Oakland, Sacramento, and northern California's Wine Country. The base is also within easy driving distance of Lake Tahoe, Yosemite National Park, Monterey and many other popular tourist destinations.



As the winds sweep through Travis AFB, they carry with them the long and illustrious history of Travis AFB and David Grant USAF Medical Center (DGMC). Fairfield-Suisun Army Air Base was born in the wake of WWII in June 1942. The first medical officers arrived at the base in May 1943, and one month later the base and the first station hospital under the command of Lt Col Archibald Laird officially opened its



David Grant Hospital, 1943-1987

doors. In its infancy the hospital staffing consisted of 30 officers, 130 enlisted and 15 civilians. Once a small station hospital, today, DGMC is the second largest medical center in the Air Force.

DGMC is also noted for its exceptional postgraduate educational programs. The first General Dentistry class graduated in 1964. In 1966, planning began for five residency programs. The Air Force Medical Service and the Accreditation Committee for Graduate Medical Education gave provisional approval to start the General Surgery, Pediatrics, Obstetrics/Gynecology, Internal Medicine, and Radiology resi-

duency programs with a start date of 1 July 1967. Since the inception of these six programs, the Oral and Maxillofacial Surgery program was added in 1969 and the Family Practice and Transitional Year Residency programs were initiated in 1978. Other programs offered at DGMC are Physician Assistant in Orthopedics, Pharmacy Practice, Nurse Anesthesia, and Social Work Internship.

Residents are trained at DGMC, a state of the art 150-bed hospital located at Travis Air Force Base in northern California, roughly equidistant between San Francisco and Sacramento. The hospital represents the primary Military Treatment Facility for the Air Force in the western United States and serves as a referral center for the entire Pacific. The outpatient population includes Active Duty members and their dependents as well as military retirees and their dependents. The inpatient population includes all DOD eligible members as well as a limited number of VA beneficiaries.

DGMC partners with the local community and reserve forces to provide training. DGMC has active affiliations with UC Davis School of Medicine, Children's Hospital Oakland, Kaiser Vallejo, UC San Francisco, University of the Pacific, Solano Community College and a number of the other local training institutions.

Applications for Graduate Medical Education can be obtained from <http://www.afpc.randolph.af.mil>. For medical clerkships, please call (707) 423-7950.

Medical Clerkships

Administrative

Clinical Psychology

Emergency Room

Family Practice

Flight Medicine

General Pediatrics

(Pediatrics Subspecialties)

Adolescent Medicine

Cardiology

Endocrinology

Hematology/Oncology

Infectious Disease

Neonatology

Neurology

General Surgery

(Surgical Subspecialties)

Neurosurgery

Ophthalmology

Otolaryngology

Plastic Surgery

Urology

Hyperbaric Medicine

Internal Medicine

Wards

Outpatient Clinic

MICU/CCU

(Internal Medicine Subspecialties)

Cardiology

Dermatology

Endocrinology

Gastroenterology

Hematology/Oncology

Infectious Disease

Nephrology

Rheumatology

Laboratory Research

Mental Health/Psychiatry

Nuclear Medicine

Obstetrics/Gynecology

Optometry

Orthopedics

Primary Care

Radiology Diagnostics

Radiation Oncology

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Medical Residency Programs

Diagnostic Radiology

The Department of Diagnostic Radiology is fully accredited by the ACGME through the year 2007. The residency is a four-year categorical residency with a total of twelve residents in the program. All residents must successfully complete an internship prior to entering the residency. One medical student is pre-selected each year at the Joint Service Graduate Medical Education Selection Board and enters either the transitional or general surgery internship at David Grant USAF Medical Center and subsequently the four-year radiology residency. Two or three field officers are selected annually at the PG-2 level.

The program emphasizes the radiologist's role as a consultant for all diagnostic imaging procedures. It consists of active participation in aspects of radiological diagnosis under close supervision. Two conferences per day offer a combination of case discussions and didactic teaching in all aspects of diagnostic radiology. The resident is expected to successfully complete certification by the American Board of Radiology upon completion of training, and to be a safe and competent diagnostic radiologist.

The diagnostic radiology program is affiliated with the University of California Davis Medical Center (UCD) and Children's Hospital Oakland. A limited number of required rotations and elective months are accomplished at these affiliated institutions. Due to the close proximity of David Grant USAF Medical Center to the University of California at San Francisco and Davis, residents are encouraged to attend the professional meetings and conferences held at various times during the year. During third year of residency, each resident is required to attend a six-week course in radiological pathology at the Armed Forces Institute of Pathology in Washington, DC.

The faculty consists of twelve board certified Diagnostic Radiologists. In addition to four General Diagnostic Radiologists, the current faculty includes two fellowship trained Interventional Radiologists, two Neuroradiologists, one Pediatric Radiologist, one Nuclear Medicine specialist, one Musculoskeletal Radiologist, and one Abdominal Imager.

The yearly curriculum is organized to provide 13 four-week rotations in the various general and subspecialty areas of diagnostic radiology in accordance with the accepted standards in most training programs. The resident gains experience in individual training through rotations in the subspecialties of (1) Interventional Radiology, (2) Pediatric Radiology, (3) Neuroradiology, (4) Ultrasound, (5) Computed Tomography, (6) Nuclear Medicine, (7) Gastrointestinal and Genitourinary Radiology, (8) Musculoskeletal Radiology, (9) Chest Radiology, (10) Magnetic Resonance Imaging, (11) Emergency Radiology, and (12) Breast Imaging and (13) Night Float (call). The 2nd and 4th year residents perform their Pediatric Radiology rotations at Children's Hospital Oakland. A Trauma Radiology rotation is required at UCD during the 3rd year of the residency. The rotation schedule is designed to provide broad-based plain film, fluoroscopic, and anatomic interpretation skills and adequate exposure to the radiological subspecialties. Each year the resident assumes additional levels of responsibility in a graduated fashion. The curriculum attempts to maintain this balance of experience and emphasizes increasing independence commensurate with the resident's abilities. Elective rotations augment the learning experience.

Family Practice

The Department of Family Practice maintains a residency training program fully accredited by the ACGME, following guidelines set forth by the American Board of Family Practice. The program strives to produce highly skilled, compassionate Family Physicians trained in all areas of medical care, ranging from life in the womb through the lifespan to geriatrics and the end of life. A focus is on the patient as part of a family system and the relational interactions that affect the health of the patient within this context. As well, the program encourages training in a broad range of procedures from exercise treadmill testing, skin biopsies and vasectomies to casting, colposcopy and endoscopy. The residents are required to pursue independent research.

The residency is a three-year categorical program with 30 residents, 10 at each year of training. The educational experience centers on patient contact, both inpatient and outpatient, complemented by a rigorous didactic schedule, including Morning Report case presentations, an AM lecture series, Intern Core lectures, Closing Rounds presentations, Senior Block Time Seminar Series and Balint training.

The curriculum for the Academic Year 2002-2003 is as follows:

PGY 1 (13 four week blocks)

Inpatient Medicine Wards	2-3 blocks
Inpatient Family Practice Wards	2-3 blocks
MICU/CCU	1-2 blocks
Emergency Medicine (UC Davis)	1 block
General Surgery	1 block
Gynecology	1 block
Obstetrics	1 block
Pediatric Clinic	1 block
Pediatric Ward (UC Davis)	1 block
Elective	1 block

PGY 2 (13 four week blocks)

Inpatient Medicine Wards	2 blocks
Inpatient Family Practice Wards	2 blocks
Behavioral Medicine	1 block
Family Practice Outpatient	1 block
General Surgery (Martinez VA)	1 block
NICU	1 block
Obstetrics (Sta. Clara County Hospital)	2-2 ½ blocks
Orthopedics	1 block
Pediatric Clinic	1 block
Elective	½ block

PGY 3 (13 four week blocks)

Inpatient Family Practice Wards	1-2 blocks
Cardiology	1 block
Clinic Manager	1-2 blocks

Community Medicine/Flight Medicine	1 block
Dermatology	1 block
ENT/Ophthalmology	1 block
Family Practice Outpatient	1 block
Geriatrics	1 block
Urology	1 block
Electives	3 blocks

There is a long tradition of excellence with graduates of the program filling many leadership positions and holding half of the teaching positions in the USAF Family Practice Programs. They consistently rank in the top 20% in the nation.

General Surgery

The General Surgery Residency is a non-pyramidal program designed to provide the teaching and patient care experience necessary to produce fully qualified, knowledgeable Air Force surgeons. The residency is a fully accredited five-year training program which graduates two chief residents annually.

First-year postgraduate training is designed to introduce the resident to the broad field of Surgery. Rotations are provided in General and Thoracic Surgery, Plastic Surgery, Orthopedics (for categorical residents), Urology, Neurosurgery, Emergency Medicine, Otolaryngology and the General Surgery clinic. The emergency medicine rotation is performed for one-month at the University of California Davis Medical Center in Sacramento. Primary emphasis is placed on peri-operative management of the surgical patient. The resident works as the junior ward officer, where all aspects of pre and postoperative care are emphasized. Academic instruction is accomplished through ward rounds and operating room exposure, formal conferences, assigned reading and lectures. Of the six PG-1 residents, two are categorical and four are designated preliminary and chosen for only one year of surgery training in preparation for a surgical subspecialty. For these preliminary residents, there is a great deal of flexibility in scheduling to match interests.

Second through fifth year postgraduate training positions are reserved for residents with the intent to complete a full general surgery residency. This four-year block is one of increasing experience and responsibility in surgery. To augment experience at DGMC, the following rotations at other hospitals provide a concentrated high volume experience.

PGY 2

Trauma/ER	UC Davis
Burns	Brooke AMC, San Antonio TX

PGY 3

Trauma/Transplant	UC Davis
General Surgery	Kaiser Vallejo

PGY 4

Trauma	UC Davis
General Surgery	Kaiser Vallejo
Cardiothoracic	Alta-Bates/Summit, Oakland CA
Pediatric	Childrens' Hospital Oakland CA

The fifth postgraduate year (Chief Resident) is spent entirely at DGMC on the general surgery service. During this year the residents have an opportunity to integrate the vast amount of information gained from the preceding four years and develop their own "style." The purpose of this year is to mold the resident into a truly independent, safe general surgeon.

An extensive conference schedule, which includes both didactic conferences and ward teaching rounds, has been developed. Case presentation conferences are conducted with local consultants on a monthly basis. In addition, to augment textbook study, a Journal Club is conducted monthly. A surgical technique series is conducted each Summer and Fall in the Clinical Investigations Facility (CIF). A research year is available as an option between the PGY1 and PGY2 years.

Internal Medicine

The Internal Medicine Residency at DGMC is a three-year categorical residency that is fully accredited by the ACGME, following guidelines set forth by the American College of Physicians/American Society of Internal Medicine and the American Board of Internal Medicine. The program strives to produce highly skilled, compassionate internists trained in all areas of medical subspecialty, capable of diagnosing and managing a vast array of medical illnesses. As well, the program encourages its residents to pursue independent research. In 2002, 17 of our residents had scientific papers accepted for presentation at the Society of Air Force Physicians meeting in San Antonio, TX!

The educational experience centers on patient contact, both inpatient and outpatient, complemented by hour-long morning and noontime didactic sessions Monday through Friday. Included in these didactic sessions are Morning Report case presentations, Subspecialty and General Internal Medicine lectures, guest speakers, Grand Rounds presentations, MKSAP board preparation sessions, and weekly Intern Report. Over the course of the residency training, approximately 50% of the experience will be outpatient and 50% inpatient. Residents also maintain their own outpatient continuity clinic.

Sample Academic Year 2002-2003:

PGY 1 (13 four week blocks)

Inpatient Wards (DGMC and UC Davis)	6-7 blocks
MICU/CCU (DGMC and UC Davis)	2-3 blocks
Emergency Medicine (Kaiser Vallejo)	1 block
Geriatrics	1 block
Women's Health	1 block
Acute Medicine Clinic	1 block

PGY 2 (13 four week blocks)

Inpatient Wards	4-5 blocks
MICU/CCU	1 block
Acute Medicine Clinic	1 block
Medical subspecialty electives	7 blocks

PGY 3 (13 four week blocks)

Inpatient Wards	3-4 blocks
MICU/CCU	1 block
Acute Medicine Clinic	1 block
ENT/Ophthalmology	1 block
Medical subspecialty electives	7 blocks

All senior residents are authorized four weeks of leave per year. Interns get three weeks of leave. Leave is taken during ambulatory or elective months. All guidance on work hours by the RRC is strictly adhered to.

Additional information regarding the Internal Medicine Residency at David Grant USAF Medical Center may be obtained from on our website at: www.travis.af.mil/dgmc/ed/res-im2.htm.

Obstetrics & Gynecology

The Obstetrics and Gynecology Residency at David Grant USAF Medical Center is a four-year accredited program offering training in the full scope of OB/GYN care. We provide a structured learning environment with increasing levels of patient care responsibility. Because of the unique nature of military medicine, residents have an opportunity to really learn the fine points of patient management, while experiencing the rewards of an ongoing, mutually trusting physician-patient relationship.

The first year is a categorical internship with rotations on the Obstetrics and Gynecology Services, as well as rotations in Internal Medicine, Family Practice clinic, ICU and ER. During the second year, residents rotate on the specialty services, gaining exposure to Urogynecology and Reproductive Endocrinology; on the Obstetrics Service they are the primary managers for the high-risk patients. Second year residents additionally have the opportunity to rotate for two months in High Risk OB at UC San Francisco. During the 3rd year, residents gain valuable management experience as chiefs for one month on each of the four services (OB, GYN, REI and Urogyn). The remainder of the year is spent at our program's major participating institution, Kaiser Permanente, for Gynecologic Surgical and Obstetric rotations. When the residents reach the 4th year, they manage one of the four services at DGMC, working directly with the attending physician to devise and implement management plans.

While residents at DGMC play a vital role in the provision of care to our patients, they do so only within a safe and supervised working environment. The goals of providing top-notch patient care and strong educational experiences are met by a faculty dedicated to excellence in both areas. In addition to an experienced General OB/GYN division, DGMC has fully trained subspecialists in Urogynecology, Reproductive Endocrinology, Gynecologic Oncology, and Perinatology (Maternal-Fetal Medicine). We have Urodynamics, IVF and ultrasound labs utilizing state-of-the-art equipment, providing residents with hands-on knowledge of a wide range of diagnostic and therapeutic procedures.

The residency program provides a strong didactic program. Each Thursday morning is set aside for didactic and educational training. Residents additionally receive formal educational experiences at daily morning and afternoon reports. A directed reading schedule guides residents through most major subjects in a two-year period. Residents are also exposed to research through direct mentoring by the faculty and research objectives. Surgical skills are reinforced in quarterly Laparoscopic and Open Surgical Teaching Labs.

Pediatrics

The Pediatrics Residency is a fully accredited three-year training program. This is a clinically oriented residency that provides well-rounded training in the practice of General Pediatrics, or as a basis for training as a pediatric subspecialist. Six residents each year are accepted for training, for a total of 18 residents.

The curriculum is divided into 13 four-week-block rotations each year and is organized to provide optimal exposure to all areas of pediatrics. The first year of training is intended to provide the resident with a strong base of clinical experience and knowledge in both inpatient and outpatient pediatrics. The second and third years of training build upon this base, with increasing patient-care responsibility, and greater supervisory and teaching experience.

Staff supervision and teaching are provided by board-certified pediatricians and subspecialists, including Child Neurology, Adolescent Medicine, Cardiology, Developmental & Behavioral Pediatrics, Endocrinology, Allergy & Immunology, Hematology-Oncology, Infectious Diseases, Neonatology, and Pediatric Surgery. Additional support within the hospital includes Pediatric Physical Therapy, Speech Pathology, Occupational Therapy, Pediatric Radiology, Pediatric Dentistry, Dermatology, Otolaryngology, Urology, Neuroradiology, and Neurosurgery. Affiliation with Children's Hospital Oakland and the University of California Davis, provides additional training by board-certified Pediatric Intensivists, Neonatologists, Pediatric Emergency Room Physicians, Pulmonologists, Orthopedic Surgeons, Gastroenterologists, and Nephrologists.

Residency training primarily takes place at David Grant USAF Medical Center, with seven planned rotations at Children's Hospital Oakland and the University of California Davis. These rotations enhance training by exposure to cultural diversity, diseases not commonly seen in the DOD population, and training in other healthcare systems. The pediatric clinic is organized into separate sections for the Adolescent Clinic, Routine and Acute Care, Hematology-Oncology, and subspecialty pediatrics. Over 30,000 patients per year are seen in the clinic. The pediatric inpatient units include the Level 3 NICU, SICU, and 25 bed ward.

The three years of training are designed to fully prepare each graduate for the practice of General Pediatrics. Residents will rotate through the General Pediatric and Youth Clinics, Subspecialty Clinics, Continuity Clinics, NICU, Pediatric Ward, Emergency Department, PICU, Community Resources, and Elective rotations. A Military Unique Curriculum is a critical component of this training program. Medical Readiness is emphasized through various modalities. A core of monthly didactic lectures is designed for deployment applicability. Second and third year residents participate in CMRT and disaster exercises, while third year residents attend the Combat Casualty Care Course and are given the opportunity to participate in Humanitarian Missions throughout the world. Second year residents attend the Developmental Disabilities Course at Camp CAMP. An extensive didactic schedule includes daily morning report, clinical case discussion (presented as "unknown"), a daily clinical pearl, daily morning lecture, and outpatient lunch conference. Additional one-on-one lectures are provided on sub-specialty rotations, as well as teaching rounds on both inpatient services. Each resident is expected to provide one lecture during each year of training.

Residents are required to participate in a quality improvement or research project (both clinical and basic science) under the mentorship of a pediatric staff in conjunction with the Clinical Investigation Facility.

Transitional Year

The Transitional Year Residency at DGMC is an exciting, flexible, and broad-based clinical experience. It is a 12-month program with four interns selected per year from a very competitive group of applicants. It is fully accredited by the Accreditation Council for Graduate Medical Education (ACGME). The transitional internship is designed to fulfill the educational goals of medical school graduates with the following needs:

A. Medical school graduates who are planning to serve one or more operational tours as an Air Force Flight Surgeon or General Medical Officer (GMO) prior to completing a residency.

B. Medical school graduates who have chosen a career specialty which requires one year of broad-based education prior to entering a residency program in fields such as: Anesthesiology, Dermatology, Emergency Medicine, Ophthalmology, Otolaryngology, Orthopedics, Psychiatry, Pathology, Radiation Oncology, Radiology, or plan to do a Residency in Aerospace Medicine.

C. Medical school graduates who have not yet decided on a specialty and desire a broad-based curriculum with the ability to explore a few electives in order to assist them in making that decision.

The curriculum for the transitional interns at DGMC is designed to meet all the guidelines of the ACGME, with an orientation towards the outpatient setting, but with the flexibility to experience more inpatient settings based on the goals of the individual intern. The curriculum is divided into 12 calendar month rotations as follows:

Internal Medicine Ward	1 Month*
Medicine Intensive Care Unit	1 Month*
Ambulatory Medicine Clinic	2 Months
Emergency Medicine @ DGMC	1 Month
Emergency Medicine @ UC Davis	1 Month
General Surgery (½clinic; ½ ward)	1 Month*
Obstetrics & Gynecology Clinic	1 Month
Pediatric Clinic	1 Month*
Electives Months	3 Months

**Signifies rotations with call*

The individual intern, in coordination with the program director, chooses electives based on their need to enhance their clinical experience and their long-range career goals. Electives often chosen at DGMC include a wide variety of the medicine and surgical subspecialties as well as Anesthesiology, Dermatology, Flight Medicine, Family Practice, Hyperbaric Medicine, Orthopedics, Pathology and Radiology. With special planning and approval a single elective may be able to be done at an outside military or civilian ACGME approved facility. In addition to the above curriculum, the transitional intern will complete a year long Military Unique Curriculum which includes a monthly lecture series, periodic military training modules, and an eight-day Combat Care Casualty Course (C4) in San Antonio Texas (previous C4 or Bushmaster graduates are exempt). Each intern is allowed three weeks of leave per year, and can be taken on any of the outpatient rotations except for the UCD-ER or during the rotation in which C4 is scheduled.

The educational opportunities provided to the transitional interns are equitable to other interns throughout the facility. They attend all relevant departmental conferences, rounds and lectures. In addition, they have a spacious and well-equipped office overlooking a palm tree shaded courtyard, which is not only a great place to work, but also a place to relax.