

FAMILY MEDICINE (FMED)

Courses

FMED 3005. Family Medicine Clerkship. 6 Credit Hours.

The family medicine clerkship introduces students to the principles, philosophy, and practice of family medicine, including fundamental concepts of comprehensive, continuous, cost-effective, family-oriented medical care. Students participate in the care of patients in various outpatient and inpatient settings. Students will have the opportunity to practice clinical problem solving in the undifferentiated patient and to improve their basic clinical skills. Students are expected to gain basic knowledge in the diagnosis and management of common family medicine problems, health promotion/disease prevention, and geriatrics. Prerequisites: Successful completion of all required preclinical courses is prerequisite to enrollment in any of the clinical clerkships.

FMED 4000. Special Topics in Family Medicine. 4 Credit Hours.

This is a self-designed course created by both the student and the preceptor to cover a specific topic within Family Medicine. The student is required to work closely with the preceptor in a clinical and/or non-clinical setting. A Course Approval Form must be completed along with documentation of the designed course description and confirmation of appointment with preceptor. Objectives are to be designed by student and preceptor. Student must submit a prepared outline of course activities that is signed by their preceptor prior to the beginning of the course.

FMED 4008. Research in Family Medicine. 4 Credit Hours.

At least 8 weeks before the elective's starting date the student must submit a completed course approval form and a written document that includes: the research topic; a printed literature search on that topic; readings on research design and/or statistical analysis that will be read as part of the course activities; the dates and times and locations of meetings between the student and the faculty member; expected course outcomes (e.g. presentations).

FMED 4011. Community Geriatrics. 4 Credit Hours.

Interdisciplinary approach to acute care of elderly patients. At the completion of the selective, the student will be able to evaluate an elderly patient to include history and physical examination, and problem list; administer geriatric assessments for dementia, depression, and function; interpret assessment findings in the context of a patient's functional level; make a comprehensive geriatric treatment plan; target and prevent functional decline; determine capacity for decision making; identify and describe the geriatric syndromes; utilize home health services appropriately; make referrals for outpatient rehab and for consultants; utilize geriatric principles in all specialty areas. Curriculum includes supervised clinical experience in a geriatric ambulatory care clinic; read assigned articles on geriatric topics encountered in the clinic; experiences in long term care and hospice may be arranged on request.

FMED 4012. Sub-Intern Family Medicine In-Patient Services. 4 Credit Hours.

The objectives of this course are for the student to have the opportunity to learn to be able to perform initial patient history and physical, and develop comprehensive assessment and management plan of patients admitted to the hospital; efficiently conduct the initial evaluation of a patient for admission, including documenting the history and physical, writing admission orders, and initiating the appropriate paperwork and calls needed for indicated diagnostic studies; participate in all aspects of inpatient care including daily visits, writing progress notes, attending patient and family discussions, and planning patient discharge; under the supervision of the faculty and upper level residents, maintain daily responsibility for care of a panel of hospitalized patients.

FMED 4015. Clinical Experience in Military Medicine. 4 Credit Hours.

The Department of Family and Community Medicine (FCM) and the Department of Family Medicine at Wilford Hall, Lackland AFB are collaborating to provide third and fourth year medical students with interest in military family medicine exposure to an active duty patient-centered medical home (PCMH) model of care. The Clinical Experience in Military Family Medicine Clinical Elective is aimed at providing Health Professions Scholarship Program (HPSP) and other interested 3rd and 4th year medical students an opportunity to rotate in a successful active duty PCMH primary care clinic at Lackland AFB. At the completion of the elective, the student will be able to: evaluate ambulatory pediatric and adult medicine patients with a variety of chronic illnesses, develop appropriate patient-centered management plans, and incorporate a multidisciplinary approach to care, evaluate acute ambulatory pediatric and adult medicine patients including the development of appropriate differential diagnoses and initial management plans for acute complaints, incorporate patient-centered health maintenance plans into both chronic and acute care outpatient visits, improve understanding of health conditions affecting the active duty and veteran population, including Post-Traumatic Stress Disorder (PTSD), Traumatic Brain Injury (TBI), and other acute and chronic post-deployment clinical manifestations, develop an understanding of cultural issues that affect active duty airmen, soldiers, sailors, and troops including awareness of psychosocial influences of family support networks, and develop an awareness of healthcare management within the Department of Defense. This course is available to MS2, MS3, and MS4 students after successful completion of Family & Community Medicine Clerkship.

FMED 4018. Office Procedures. 4 Credit Hours.

The objectives of this course are for the student to have the opportunity to learn to be able to conduct an informed consent for common ambulatory procedures; perform with assistance and supervision laceration repairs, skin lesion removal, wedge ingrown toenail removal, and cast/splint placement; assist with circumcisions, colposcopies, vasectomies, and flex sigmoidoscopies.

FMED 4020. Family Medicine Preceptorship with Clinical Faculty. 4 Credit Hours.

The objectives of this course are for the student to have the opportunity to learn to be able to evaluate known patients of all ages presenting in an ambulatory setting and develop management plans for chronic as well as acute illnesses; evaluate new patients of all ages presenting in an ambulatory setting and develop differential diagnoses and management plans for chronic as well as acute illnesses; incorporate appropriate prevention and anticipatory guidance into chronic and acute patient visits; optimize management plans for minority and uninsured patients by collaborating with members of the health care team, identifying community resources, developing management plans that consider the costs of medications and interventions; understand how physicians contribute to improving the quality of patient care, access to care, and navigation through the health care system for traditionally underserved populations.

FMED 4022. Spanish Speaking Patient Clinic. 4 Credit Hours.

Objectives include at the end of this selective, the student will have had the opportunity to learn to and be required to evaluate and develop management plans with primarily Hispanic, Spanish-speaking patients under the supervision of family physicians at the Barrio Comprehensive Health Clinic; develop and present culturally appropriate patient education materials for Hispanic, Spanish-speaking patients; discuss public health initiatives including Healthy People 2010, HHS Hispanic Health Initiative, and the President's Initiative on Ethnic Health Disparities; discuss Institute of Medicine reports such as "Unequal Treatment" and "Health Literacy" concerning health care disparities for Hispanic and other minority patients; increase proficiency in Spanish in particular Medical Terminology. Curriculum includes direct patient care under the supervision of the medical director of the Barrio Comprehensive Clinic (7 half-days per week); development and presentation of patient education session (1 half day per week); self directed study (2 half days per week).

FMED 4030. The Patient-Centered Medical Home in Family Medicine. 4 Credit Hours.

This unique course for 4th year students provides an in-depth experience in the Patient-Centered Medical Home within the context of a multi-specialty practice. This model emphasizes care coordination and care transitions in the Southeast Texas Medical Associates, LLP Model of Care and features provider transparency public reporting of provider performance by provider name. Experiences include participating in a learning organization with collegial relationships with primary care and specialty physicians, nurse practitioners, nurses, support staff and other members of the healthcare team. Students will also learn to design and sustain quality improvement projects and see the place and power of informatics in primary care. The course is conducted in Beaumont, TX and housing is provided.

FMED 4107. Sports Medicine In Family Medicine. 4 Credit Hours.

This interprofessional Sports Medicine clinical elective focuses on the outpatient evaluation of sports-related injuries, overuse injuries, and chronic debilitating orthopedic conditions. Students will have the opportunity to work with musculoskeletal radiologists, orthopedic surgeons, and physical therapists as scheduled by the Family Medicine/ Sports Medicine faculty. Students also have the opportunity to work in the athletic training room setting and cover athletic events with supervisory faculty. This course is open to MS2-MS4 students that have successfully completed the Family Medicine core clerkship.

FMED 4205. Medicine and the Environment. 2 Credit Hours.

In this course students will read and view assigned and selected materials on environmental health and discuss the role of environmental factors in the diagnosis and treatment of patients. Objectives 1) Understand how environmental exposures in the personal environment and the community have an impact on health; 2) describe how sociocultural and economic factors influence the risk for and from common environmental exposures; 3) evaluate how characteristics such as age/development state, gender, genetics, and prior/concurrent exposures may affect individual susceptibility to exposures; 4) list 10 important areas to consider in performing an Environmental House Call to improve air quality and home safety; 5) obtain an exposure history for an adult or child; 6) demonstrate the ability to continue improving environmental health knowledge and skills.

FMED 4206. Health Policy- Longitudinal Elective. 2 Credit Hours.

Health Policy is a course that teaches students about the United States health care system. Our health care system is complex leading to few physicians understanding it and few patients easily navigating it. In this course we will discuss the history of the US health care system, the various types of health insurance in the US, the broad types of health care systems in other countries, access to care issues, and how to advocate for health care issues. The objectives will be accomplished through readings, group discussions, and a final presentation. Students will have the opportunity to meet lobbyists with the Texas Academy of Family Medicine and witness testimony at the Texas Legislature. Students will be encouraged to apply for scholarships to attend the Society for Teachers of Family Medicine Advocacy Summit in Washington DC in May.

FMED 7000. Off Campus. 4 Credit Hours.

In this course, the student is required to work closely with the preceptor in a clinical setting that can be either in-patient/outpatient or both. The physician can work either in private practice or a residency program setting. The preceptor must be board-certified in family medicine and have a clinical faculty appointment with a LCME-Accredited Medical School. The student must not be a relative of the preceptor. Students must arrange the preceptorship directly with the family physician. Course Approval Form must be completed along with documentation of the designed course description and confirmation of appointment with preceptor.

FMED 7004. Family Medicine Preceptorship-External. 4 Credit Hours.

This is a full-time outpatient family medicine clinical experience with a board-certified family physician in either a private practice or residency program setting. Only a board certified family physician is acceptable for this course. The physician supervisor does not have to have an HSC faculty appointment but must have an affiliation with a LCME-accredited Texas Medical School. This elective can be arranged directly between the student and the family physician. Student must not be a relative of the preceptor.