

FAMILY MEDICINE

The objective of this department is to prepare students to carry out their functions as leaders and coordinators of health care teams as they provide access to the health system and assume continuing responsibility for the management of patients over a long period of time. More specifically, the student will:

1. Experience a family medicine model of practice, which will infuse the student with a philosophy of family medicine and an understanding of the role of the family physician.
2. Demonstrate skills in diagnosis, treatment and management of patients and technical procedures appropriate for family medicine.
3. Demonstrate and expand knowledge base in the various fields of medicine encompassed by family medicine.

Contact the Family Medicine CST Coordinator (<https://catalog.unmc.edu/medicine/curriculum/phase3/career-speciality-tracks/>) (fmtrackcoordinator@unmc.edu) with questions unless a Course Administrator is specified for a course in the course description.

FMED 711 PRIMARY CARE SPORTS MEDICINE 4 Credit Hours ELECTIVE

This course is developed for students with an interest in expanding their musculoskeletal examination and treatment skill. It is led by two family medicine physicians with advanced training in sports medicine. Students will spend time in sports medicine clinic and working with physical therapists and trainers in order to expand their skills in musculoskeletal diagnosis and management. Other experiences may include volunteering at sporting events and with sports teams. By the end of the one month Primary Care Sports Medicine rotation, the fourth year medical students will be able to successfully: A. Demonstrate a systematic musculoskeletal examination of the following joints: knee, shoulder, hip, foot/ankle, elbow, and wrist. B. Develop differential diagnoses and treatment plans for common musculoskeletal complaints seen in Primary Care. C. Compare and contrast different imaging modalities used in primary care sports medicine. D. Discuss the diagnosis and treatment of sports related concussion. E. Describe the various members within the multi-disciplinary team involved in the care of athletes and physically active patients. Rotations Offered: Each 4 weeks.

Prerequisite: Reserved for students in the Advanced Family Medicine Training Program or the Primary Care Program. Not open to visiting students.

Instructor: Dr. T. Jason Meredith and Dr. Monty Mathews
Typically Offered: FALL/SPR
Capacity: 1

FMED 712 COMMUNITY HEALTH EDUCATION ELECTIVE 4 Credit Hours ELECTIVE

Medical students will meet community health needs while developing their own ability to understand and address the complex health challenges they will encounter in patient care. A student will be assigned to a community site(s) and partner with them in delivering a community health education session(s). Over several planning sessions, the student will then implement 3 community health education projects under the direction of the faculty member from family medicine and community site advisor. Community based learning projects will focus on preventable causes of premature morbidity and mortality throughout Omaha. Examples include maternal and child health education support for expectant mothers and mothers of preschoolers; after-school projects to prevent high-risk health behaviors among adolescents; and other health promotion and education activities for chronic diseases. Community sites will be chosen by the attending but will likely be with children in under-resourced settings. Rotations Offered: Each 4 weeks.

Prerequisite: Not open to visiting students.

Instructor: Dr. Jennifer Liu
Typically Offered: FALL/SPR
Capacity: 1

FMED 713 FAMILY MEDICINE 101 4 Credit Hours ELECTIVE

Students completing this course will develop a deeper understanding of family medicine areas of practice including metabolic syndrome disorders (diabetes, hypertension and obesity), musculoskeletal health and treatment, obstetric management and pediatric care, and health screening and immunizations. Experience the inter-professional medical home model as mental health, pharmacy and nursing specialists share their knowledge and role in managing these conditions. Evaluate the medical literature through weekly journal clubs. Demonstrate their clinical abilities as they provide clinical care to patients through telehealth under the guidance of family medicine preceptors.

Instructor: Dr. Susan Evans
Typically Offered: FALL/SPR

FMED 714 ADVANCED FAMILY MEDICINE TRACK / PRI-CARE FM-OB/ NEWBORN SUB-INTERNSHIP 4 Credit Hours ELECTIVE

This is a clinical experience that includes experience in management of obstetric and newborn patients. It will be completed on the family medicine OB/newborn teaching service. It covers all aspects of obstetric care including triage, labor management, delivery and postpartum care and discharge planning. It also covers all aspects normal newborn care including resuscitation, newborn nursery care, newborn screenings, discharge planning and common newborn conditions. During this rotation the sub-intern will be assigned to the family medicine OB/newborn team and will be given sub-intern level responsibilities commensurate with their level of experience under direct supervision of family medicine supervising residents and faculty. Rotations Offered: Each 4 weeks. Site: UNMC Main Campus.

Prerequisite: Reserved for students in the Advanced Family Medicine Training Program or the Primary Care Program. Not open to visiting students.

Instructor: Dr. Kimberly Jarzynka and Dr. Mindy Lacey
Typically Offered: FALL/SPR
Capacity: 4

FMED 715 ADVANCED FAMILY MEDICINE AMBULATORY SPECIALTY SUB-INTERNSHIP 4 Credit Hours**ELECTIVE**

This course will be utilized for a number of specialty outpatient rotations that are required for sub-interns in the Advanced Family Medicine Track. Each of these rotations is an outpatient clinical experience that includes general surgery, ENT, ophthalmology, dermatology, allergy / immunology, orthopedics, sports medicine, rheumatology, and/or ambulatory pediatrics. The rotations take place at UNMC, within the community, or at Offutt Airforce Base. The sub-intern will be given responsibilities commensurate with their level of experience under direct supervision of supervising residents, fellows and faculty. Rotations Offered: Each 4 weeks.

Prerequisite: Reserved for students in the Advanced Family Medicine Training Program or the Primary Care Program. Not open to visiting students.

Instructor: Dr. Kimberly Jarzynka

Typically Offered: FALL/SPR

Capacity: 4

FMED 719 THE ROLE OF NUTRITION IN PATIENT CARE 4 Credit Hours**ELECTIVE**

This elective is an in-depth, comprehensive study of the role of nutrition in patient care. Students on this rotation will spend time in clinic with physicians who use nutrition to help their patients prevent and treat disease. They will also spend time in clinic with dietitians to learn how they use nutrition to treat patients. Assignments include self-directed learning, teaching peers, and a final presentation. Objectives: After completing the elective, the student will be able to discuss the role that nutrition plays in health and disease. Discuss the basic science aspects of important nutritional problems. Demonstrate increased competence in diagnosing, treating, and managing patients with nutrition problems. Describe community food resources for patients. Discuss evidence-based pharmacological nutritional therapy. Rotations Offered: February.

Prerequisite: Not open to visiting students.

Instructor: Dr. Susan Evans

Capacity: 4

FMED 720 FAMILY MEDICINE OUTPATIENT SUB-INTERNSHIP - DURHAM OUTPATIENT CLINIC 4 Credit Hours**ELECTIVE**

This is a clinical experience in the Durham Outpatient Center Family Medicine Clinic at UNMC. It includes experience in treating adults and children with acute and chronic illnesses. This rotation covers all aspects of Family Medicine in an outpatient setting in addition to exposure to preventive medicine and surgical procedures done in the Family Medicine office. Students also participate in Family Medicine teaching day lectures when appropriate. Visiting students may have an additional inpatient as arranged with the course instructor. Rotation Offered: Each 4 weeks.

Instructor: Dr. Susan Evans and staff

Typically Offered: FALL/SPR

Capacity: 1

FMED 721 FAMILY MEDICINE OUTPATIENT SUB-INTERNSHIP - NEBRASKA MEDICINE CHALCO CLINIC 4 Credit Hours**ELECTIVE**

An exposure to all aspects of Family Medicine in a private office setting. This rotation covers all aspects of Family Medicine in an outpatient setting in addition to preventive medicine and surgical procedures done in the Family Medicine office located at 8343 S 168th Ave. Omaha NE 68136. Rotations Offered: August - March.

Prerequisite: Not open to visiting students.

Instructor: Dr. Alberto Marcelin

Typically Offered: FALL/SPR

Capacity: 1

FMED 722 FAMILY MEDICINE OUTPATIENT SUB-INTERNSHIP - BELLEVUE MEDICAL CENTER 4 Credit Hours**ELECTIVE**

A clinical experience at the University satellite clinic located at 36th Street and Highway 370. This rotation covers all aspects of Family Medicine in an outpatient setting in addition to exposure to preventive medicine and surgical procedures done in the Family Medicine office. Addition of inpatient, OB, geriatric, or procedural experience could be arranged on an individual basis. Rotations Offered: August - March. Site: Bellevue Medical Center.

Instructor: Dr. Toby Free and Staff

Typically Offered: FALL/SPR

Capacity: 1

FMED 723 FAMILY MEDICINE OUTPATIENT SUB-INTERNSHIP - MILLARD HLTH CENTER 4 Credit Hours**ELECTIVE**

An exposure to all aspects of Family Medicine in a private office setting. This rotation covers all aspects of Family Medicine in an outpatient setting in addition to exposure to preventive medicine and surgical procedures done in the Family Medicine office. Rotations Offered: August - March. Site: Millard Health Center, 13325 Millard Ave, Omaha, NE 68137.

Prerequisite: Not open to visiting students.

Instructor: Dr. Elisabeth Backer and Staff.

Typically Offered: FALL/SPR

Capacity: 1

FMED 727 FAMILY MEDICINE INPATIENT SERVICE SUB-INTERNSHIP - UNMC 4 Credit Hours**ELECTIVE**

Students are given sub-internship responsibilities commensurate with experience under the direct supervision of the Family Medicine Chief Resident and inpatient attending physician. The inpatient service admits patients from Family Medicine Clinics, from the E.R. or Family Medicine referral patients from outstate Nebraska. Rotations Offered: Each 4 weeks, except August. Site: UNMC.

Prerequisite: Not open to visiting students.

Instructor: Chief Resident and Staff.

Typically Offered: FALL/SPR

Capacity: 1

FMED 730 FAMILY MEDICINE SUB-INTERNSHIP - LINCOLN GENERAL 4**Credit Hours****ELECTIVE**

The Lincoln Family Medicine Program is a clinical experience, both inpatient and outpatient, for 4th year medical students who want a concentrated experience in Family Medicine. Students are given the opportunity to follow their own schedule of ambulatory patients, round on hospital patients, attend deliveries, and visit specialties while on rotation in Lincoln. This rotation is coordinated through the Department of Family Medicine with the Lincoln Family Medicine Residency Program. Course Administrator: Julie Pickhinke Cassidy Drazkowski. Rotations Offered: Each 4 weeks, except July August. Site: Lincoln General.

Prerequisite: Pre-arrangement with Julie, jpickhinke@lmep.com and Cassidy, fmtrackcoordinator@unmc.edu. A completed application, <https://www.lfmp.com/clerkship-in-family-medicine>. Not open to visiting students.

Typically Offered: FALL/SPR

Capacity: 2

FMED 732 FAM MED-CLARKSON 4 Credit Hours**ELECTIVE**

This is a four-week clinical experience, both inpatient and outpatient, in Family Medicine. This rotation is coordinated through the Department of Family Medicine with the Nebraska Medical Center/Clarkson Regional Health Service Program. The purpose of this rotation is to allow senior students the opportunity to experience the daily practice of clinical community-based Family Medicine through care of patients in both the clinical and the inpatient setting under the guidance of Family Medicine residents and faculty. Dr. Dorota Britz is in charge of instruction for the M4 students. Periods Offered: Each four weeks.

Instructor: Dr. Dorota Britz

Contact: Bev Hilburn at 402-552-2050. BOTH Bev Hilburn and Elizabeth Morris (402-559-7064) fmtrackcoordinator@unmc.edu need to know that you have pre-arranged this elective. Activity-Hours/Week, Rounds-While on IP Rotation, Didactic Conferences-3 hours on Wednesday afternoons, Independent learning-Optional, Research project-no, Independent patient care-35. This course is NOT available to visiting students.

Typically Offered: FALL/SPR

Capacity: 2

FMED 733 RURAL TRAINING TRACK 4 Credit Hours**ELECTIVE**

This is a four-week campus clinical experience, both inpatient and outpatient, in Family Medicine at one of the existing Family Medicine rural training track Family Medicine residency sites. The purpose of this course is to allow senior medical students who are interested in the rural training track residency program to perform a clinical rotation at one of these sites. Please specify Rural Location upon request. Confirmation will be subject to availability at Rural Site. Questions regarding the elective - Contact Dr. Aaron Lanik at 402-559-6833. Activity-Hours/Week. Rounds-6. Didactic conferences-4. Independent learning-5. Research project-0. Independent patient care-25-30.

Prerequisite: Pre-arranged through Elizabeth Morris at fmtrackcoordinator@unmc.edu.

Instructor: Dr. Jeff Harrison.

Contact: Elizabeth Morris at fmtrackcoordinator@unmc.edu.

Typically Offered: Each four weeks.

Capacity: 1. Location: Variable.

Visiting Student Information: This course is NOT available to visiting students.

FMED 735 ONE WORLD 4 Credit Hours**ELECTIVE**

This is a four-week course for senior medical students who speak Spanish and are interested in primary care for underserved patients. Students interested in this rotation should submit a 200 word or less essay on why they are interested in primary care and their past experience working with underserved individuals. Students will gain exposure to a Federally Qualified Health Center and learn about some of the resources available to assist uninsured patients in our community. In addition, students will gain exposure to the family medicine residency at OneWorld. As greater than 50% of the patients speak Spanish, students must have a basic conversational ability in Spanish. Students will have the opportunity to practice their interviewing and physical exam skills in both English and Spanish while being supervised by the One World attending physicians. Students will be vetted by a One World employee via telephone prior to the rotation to ensure that their Spanish capabilities are adequate to ensure a fulfilling rotation. Grade for this rotation is based on attendance, enthusiasm, demonstration of cultural competency, respect and professionalism with patients and support staff, written notes, and a final case report. Activity-Hours/Week. Rounds-0. Didactic conferences-2. Independent learning-4. Research project-10. Patient care-30.

Prerequisite: Pre-arranged through Elizabeth Morris 402-559-7064 at fmtrackcoordinator@unmc.edu or 402-559-7064. Pre-arrangement also includes an online application. As a part of the application you will need to provide a time you would be available for a Spanish evaluation. Please be sure to do this at least a month before the rotation is set to start. Students interested in this rotation should submit a 200 word or less essay on why they are interested in primary care and their past experience working with underserved individuals.

Instructor: Dr. Melanie Menning.

Contact: OneWorld (Contact Tay Orr at 402-502-8860 or by e-mail at torr@oneworldmaha.org).

Typically Offered: Each four weeks.

Capacity: 1. Location: OneWorld Community Health Center.

FMED 737 DOMESTIC VIOLENCE 4 Credit Hours**ELECTIVE**

A four-week immersion experience in domestic violence, prevention and treatment using a bio-psychosocial community health model. Presentations/Topics covered: Survivor Experience, Intimate Partner Violence as a Critical Healthcare Issue, Advocacy Protective Orders, Shelter Services, Impact of DV on Children, Probation Responses for Offenders, Law Enforcement, Military Family Advocacy, Batterer Invention Program - Men, Sexual Assault/DV Forensic Nurse Examinations, Mock Trial, RE-Entry Assistance, Building Healthy Relationships. Instructor: Dr. Cynthia Hernandez.

Contact: Elizabeth Morris (402-559-7064) fmtrackcoordinator@unmc.edu. Typically Offered: Typically offered in September/October and February/March.

Capacity: 2.

Visiting Student Information: This course is NOT available to visiting students.

FMED 738 PREVENTIVE MEDICINE 4 Credit Hours**ELECTIVE**

The overall goal of the preventive medicine elective is to enhance the student's knowledge, attitudes, and skills in preventive medicine at both the individual patient and population/community levels. This goal will be achieved by in-depth review and discussion of the guidelines of the U.S. Preventive Services Task Force and the Community Preventive Services Task Force using a Preventive Problem-Based Learning format. Additional learning activities include patient care with an emphasis on clinical prevention and visits to the Douglas County Health Department, Nebraska Health and Human Services, and private community agencies. The student will develop skills in the following areas: Performing a prevention-focused history, including identification of age and gender specific risk factors and previous screening tests/exams and immunizations; Performing an appropriate prevention-focused physical exam; and Ordering appropriate screening tests, preventive medications and immunization. Improve communication skills, specifically motivational and behavioral change counseling skills incorporating social and cultural environmental factors to improve the overall health of patients. Discuss the risk factors and evidence-based interventions for the following topics and conditions: Immunizations, preventive medications, cardiovascular disease, cancer, infectious diseases, metabolic diseases, cognitive function, depression, sexually transmitted diseases, contraception, substance use, physical activity, nutrition, injury prevention, and dental/oral health. Obtain/critique/develop patient education materials. Identify and utilize resources, as needed, including the full range of social, educational, civic, religious, and health care organizations (both formal and informal, private and public) that relate directly or indirectly to prevention and public health.

Instructor: Susan Evans.

Contact: Jolene Wees; jolene.wees@unmc.edu; 402-559-9327; MSB 2520 (Zip 3075).

Typically Offered: July.

Capacity: Variable.

Visiting Student Information: This course is NOT available to visiting students.

FMED 739 SHARING 4 Credit Hours**ELECTIVE**

During the fourth year, the student will participate in a student run clinic for the underserved by assisting the student administrators and by providing patient care. The student will also attend SHARING Board meetings and complete a clinical quality improvement project mutually agreeable to the student and the Board. Methods of Instruction: 1 to 1 clinical precepting and mentoring CQI project Faculty facilitated clinic administration. Independent research and study of CQI project. During the senior year, the student will attend one evening clinic session (3-4 hours) for each of three SHARING clinics during eight four-week elective periods for a minimum of 24 visits during the year; additional visits may be required during some months to compensate for off-campus elective time and when these activities conflict with required activities of other electives, such as night call. In addition, students will attend SHARING Student and Faculty Board Meetings (2-3 hours per month over the noon hour) and complete the quality improvement project (approximately 4-6 hours per month) by the end of March. Responsibilities to the SHARING Clinic throughout the M4 year DO NOT take precedence over the elective for which the student is registered in each of the other months. Students are responsible for arranging their SHARING visits each month after they have received the schedule for their elective that month.

Instructor: Dr. William Hay.

Contact: Elizabeth Morris (402-559-7064)

fmtrackcoordinator@unmc.edu).

Typically Offered: April.

Capacity: 4.

Visiting Student Information: This course is NOT available to visiting students.

FMED 750 INTERNATIONAL HEALTH 4 Credit Hours**ELECTIVE**

The course offers students the opportunity to participate in a health care setting in a foreign country. Students' responsibilities, performed under the supervision of trained medical personnel, may include work in clinics and hospitals; home visits with community health workers, and health education. In addition, the student will also participate in a brief orientation and debriefing on campus. Elective in China (FMED-750) ~ 6 students per month. Questions regarding the China experience ~ Please call Lenal Bottoms at (402-559-3791). This elective is designed to give students experience in practicing in the unique environment of China. This one-month elective is based at the University Hospital of Shanghai Jiao Tong University School of Medicine, a 1,600-bed hospital and the principal teaching hospital of SJTUSM. The focus of this elective is to learn about the differences between the health care systems of the US and China. Students will work alongside Chinese medical students and attending faculty. The city of Shanghai is the "hotspot of modern China", with a population of 17,000,000. There are many sightseeing opportunities available in China, also, including the Great Wall, Xian City, as well as several areas within Shanghai. This experience must be pre-approved and set up through the Asia Pacific Rim Development Program Office. Initial contact person is Lenal Bottoms, 402-559-3791.

Prerequisite: You must pre-arrange this elective with: Sara Pirtle, Global Engagement (402-559-2924) And Elizabeth Morris (402-559-7064). Please fill out the Off Campus Form. This form will need to be signed by Sara Pirtle, Lisa Paquette, and Elizabeth Morris. Students will be unable to do the elective if Sara Pirtle has not been contacted.

Contact: Lenal Bottoms, 402-559-3791.

Typically Offered: Each four weeks.

Capacity: 6. Location: Variable.

Visiting Student Information: This course is NOT available to visiting students.

FMED 753 COMPETENT CARE FOR LGBT 4 Credit Hours**ELECTIVE**

Lesbian, gay, bisexual, and transgendered (LGBT) individuals have a set of unique health concerns and problems, including higher rates of depression, suicide attempts, alcoholism, cardiovascular disease, some cancers, and sexually transmitted diseases. Their special needs are often overlooked or ignored due to transparency of LGBT individuals and their avoidance of routine healthcare due to a real or imagined fear of discrimination and rejection by physicians. Although a significant segment of society is gay or lesbian, physicians receive minimal formal training in their care. The goal of this elective is to provide the specific training needed for physicians to effectively deal with the healthcare concerns and to provide medically and culturally competent healthcare to this sexual minority and vulnerable population. At the end of this four-week elective, students will be able to: * Define psychosocial issues and risks of self-disclosure by LGBT individuals. * Identify barriers to healthcare for LGBT individuals and methods to overcome those barriers. * Demonstrate appropriate history taking and interviewing skills to foster patient trust. * Identify and successfully address the unique healthcare problems facing LGBT individuals. Learning activities include patient care experiences with the LGBT population, assigned readings, lectures, case discussions, simulations, and visits to LGBT agencies and organizations. Faculty permission is required prior to registration. Instructional methods: Through assigned readings, didactic lectures, seminars and panel discussions, students will learn about the healthcare issues of the LGBT community that impact their health, such as coming out, non-normative stressors, family planning, etc. A series of case discussions and simulations will be conducted to demonstrate comprehension of didactic material. Clinical practice opportunities will be held during the elective for direct patient encounters with members of this population, including clinics with Dr. Mark Goodman and Dr. Susan Swindells (HIV/ID Clinic). (Dr. Goodman's patient population varies from 25-90% LGBT patients on any given day; students will be directed to the care of LGBT patients while in these practices/clinics.) Each student will keep a reflective journal in which the student will record his/his observations and analysis of patients seen and sites visited. This journal will be reviewed with the student by faculty. Visits to various agencies will be arranged and include the following: * PFLAG (Parents, Families, and Friends of Lesbians and Gays) meeting. * GSA (Gay Straight Alliance) meeting at Creighton/ UNO. * Meeting with legal counsel to address access to care and others concerns regarding insurance coverage. * Weekend training with NAP (Nebraska AIDS Project) and counseling/testing site experience at either NAP or Douglas County Health Department. * Palliative care for those with AIDS. Activity-Hours/Week. Didactic conferences-6. Independent learning-12. Reflective journal-2. Patient care-12. Agency site visits-8. Prerequisite: Pre-arranged with Dr. James Medder. Instructor: Dr. James Medder and Dr. Gary Beck Dallaghan. Contact: Jolene Wees; jolene.wees@unmc.edu; 402-559-9327; MSB 2520 (Zip 3075). Typically Offered: March. Capacity: Variable. Visiting Student Information: This course is NOT available to visiting students.

FMED 760 PRIV PRACTICE OFFICE 4 Credit Hours**ELECTIVE**

This elective offers a chance to participate in and observe private practice in family physicians' offices in Omaha. An off-campus elective application form must be submitted for this experience. (See Off-Campus Elective Application procedures). Please note: you will need to contact the Family Medicine Department and let them know where you plan to complete this rotation before you begin this rotation. Prerequisite: Off-Campus Approval form completed. Contact: Elizabeth Morris 402-559-7064. Typically Offered: Each four weeks. Capacity: Variable. Location: Omaha area Private Practice offices. Visiting Student Information: This course is NOT available to visiting students.

FMED 761 OFF CAMPUS ELECTIVE 4 Credit Hours**ELECTIVE**

This elective offers a chance to participate in and observe an off-campus elective in an out of state locale of the students' choice. An off-campus elective application form must be submitted for this experience. (See Off-Campus Elective Application procedures). Please note: you will need to contact the Family Medicine Department and let them know where you plan to complete this rotation before you begin this rotation. Prerequisite: Off-Campus Approval form completed. Contact: Jolene Wees; Elizabeth Morris 402-559-7064. Typically Offered: Each four weeks. Capacity: Variable Location: Variable. Visiting Student Information: This course is NOT available to visiting students.

FMED 799 RESEARCH 4 Credit Hours**ELECTIVE**

Students may select a project in which they are particularly interested and pursue this project intensively for four weeks. Preferably, several months in advance of the Research Project rotation, students will develop a project idea with a faculty mentor in the Department of Family Medicine, and initial preparatory steps will be taken (e.g. completion of CITI human subjects protection training, submission of an IRB application). The faculty mentor will work with the student to develop a plan for the research over the course of the four-week period and will continue to mentor the student throughout the research project. The student should be prepared to spend time after the Research Project rotation to complete the research. Interested students should send a brief description of their project, along with the name of their project mentor, to Jenenne Geske, PhD. Prerequisite: Pre-arranged with faculty advisor through Jenenne Geske; 402-559-6758. Contact: Jenenne Geske at 402-559-6758. Typically Offered: Each four weeks. Capacity: Variable. Visiting Student Information: This course is NOT available to visiting students.