

The University of Iowa
 Carver College of Medicine
Family and Community Medicine Clerkship (FAM:8302)
2021 Syllabus

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Site	Faculty Coordinator	Education Coordinator
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DESCRIPTION OF CLERKSHIP

Family Medicine is a unique medical specialty that provides continuous, comprehensive health care to individuals and families throughout their lifespans. The scope of Family Medicine encompasses all ages, genders, organ systems, and disease entities. Further, family physicians provide high quality care in the context of the personal doctor-patient relationship for the individual as well as their family and the community as a whole. Family physicians not only serve their patients, but often serve as pillars to maintain the health of the community. Their varied skill set in population health, urgent/emergency care, obstetrical care, pediatrics, geriatrics and palliative care allow them to be uniquely aligned to integrate and serve as medical directors for home health agencies, county health departments, residential care facilities, substance use treatment facilities, and hospice.

The Family and Community Medicine clerkship is a 6-week required rotation. The goal is to introduce students to the specialty of Family Medicine and the intersection between care delivered within the ambulatory care setting and the local community.

Rotation Structure

During this rotation students will have their time divided between a 4-week placement with a board-certified Family Physician in a community-based practice, and a 2-week placement with an RMEC, located in either Davenport, Des Moines, Mason City, Sioux City, or Waterloo. (A small number of spots will be available with UIHC Family Medicine.) These experiences will enable them to compare and contrast the delivery of care in a community-based practice vs. an academic based practice. Students will also take part in experiences at local community agencies to learn how these resources aid in health care delivery and population health within a community.

Students will be assigned either a '2+4' or a '4+2' schedule. Students with a '2+4' schedule will begin the rotation with a 2-week placement at their assigned RMEC and end the rotation with a 4-week placement with their assigned community preceptor. Likewise, '4+2' students will spend the first 4 weeks with their community preceptor and spend the last 2 weeks at their assigned RMEC.

Students are required to be on campus for the first Monday to attend educational activities. Other education day activities will occur over the course of the rotation, but students will be able to join these remotely.

CLERKSHIP LEARNING OBJECTIVES

This clerkship will provide an outstanding learning experience for all medical students emphasizing these basic tenets of family medicine (prevention, continuity of care, etc.). Upon completion of the Family Medicine Preceptorship, students will be able to:

FM Clerkship Learning Objectives	Assessment	Competencies	Required Clinical Experiences Item Number
1. Define continuity of care.	Preceptor evaluation		
1.1 Describe the value of continuity of care in the context of patient outcomes and experiences.	Preceptor evaluation	SBP02	
1.2 Apply continuity of care in the follow-up of patients.	Preceptor evaluation	PR05	C1
2. Administer comprehensive health care to the patient and family, attending simultaneously to mental and physical health issues.	Preceptor evaluation, written exam, patient-based assessment	PBL02	A1-3, C2
3. Provide comprehensive care of common acute and chronic conditions in a family medicine setting for patients, including:	Preceptor evaluation, Performance-based assessment, written examination		A1-3
3.1 Gather accurate information,		PC01	
3.2 Formulate a prioritized differential diagnosis, and		PC02, MK02, MK03	
3.3 Propose a plan for evaluation and management.		PC04, MK04	
4. Explain the importance of the social and cultural context of health and disease in			
4.1 Individuals.	Preceptor evaluation	SBP01	
4.2 Communities.	Preceptor evaluation	SBP01	
5. Apply knowledge of scientific concepts as they pertain to clinical patient care.	Preceptor evaluation, written examination	PC03, MK01, MK02	
6. Apply effective patient communication skills and interact positively with patients.	Preceptor evaluation, Performance-based assessment	ICS01, PR06	
7. Apply effective counseling skills.	Preceptor evaluation, Performance-based assessment	ICS01, PC05	B1-6
8. Collaborate with other members of the interdisciplinary health care team to maximize the quality care of patients through:	Preceptor evaluation	ICS02, SBP03, PR01	

8.1. Clear oral reports of relevant patient information.	Preceptor Evaluation	PC03	
8.2. Thorough and concise written documentation of patient encounters.	Preceptor evaluation, Performance-based Assessment	ICS03	
9. Develop evidence-based health promotion/disease prevention plans for patients of any age, ethnicity, and gender.	Preceptor evaluation, Performance-based assessment, written examination	PBL02, MK01, MK02	B1-6

EXPECTATIONS OF STUDENTS

Attendance and Communication

- Attend Education Day 1 orientation and lectures.
- Respond to all communications from the Clerkship Coordinators, Directors, Preceptor, and your RMEC site.
- Attend on-site orientation at your RMEC site and all scheduled clerkship activities.
- If you require time off during the clerkship to attend a scheduled activity, submit a time-off request as soon as possible prior to the start of the rotation.
- If you are absent from the clerkship due to illness or emergency, submit an online time-off request and notify your preceptor and/or RMEC site coordinator. If you will be significantly late due to inclement weather or emergencies, notify your RMEC and/or preceptor as well.
- Maintain professional standards of dress and always wear your badge. Expected standard is 'business casual'. Wear your white coat in clinic unless advised otherwise by your preceptor.
- Students are excused from clinical responsibilities at the end of the day on the final Wednesday of the clerkship to ensure adequate transportation time, rest, and study time prior to the NBME Shelf exam on Friday morning.

Working with your Community-Based Family Physician Preceptor

If asked by your preceptor, and within the constraints of your duty hours, you are expected to participate in clinical experiences, even on nights and weekends. You should participate fully in your preceptor's professional roles, including clinic, meetings, rounds, nursing home visits, house calls, emergencies, and staff functions as they arise. However, you do not have to attend pharmaceutical-sponsored events. If the preceptor has the day off, it is expected that you will work with a partner or other healthcare professional in the practice.

Working with your RMEC and Community Agencies

During the 2-week RMEC placement, students will undertake a variety of activities including: clinic, Case Based Learning (CBL) sessions, and visit local community agencies. Clinic placements may be with a family medicine residency clinic or with a community-based preceptor affiliated with the RMEC.

Shadowing in Clinic

Students are not expected to shadow while in clinic with their preceptor during this rotation. Some limited shadowing may occur on the first day with your preceptor for them to gauge your skill level. However, it should not extend beyond this.

Patient Note Writing

While the level of EMR access may vary between clinic sites, students are expected to write patient notes during this rotation. The clinic/preceptor should either provide each student with their own login access or establish a clear alternative arrangement for writing and submitting notes to be reviewed by the preceptor.

Housing

All RMEC sites offer students free housing. Housing is also provided by some community-based Family Physician preceptors. Students are not permitted to bring animals, partners/spouses, or have overnight guests. Students must follow any rules, endeavor to leave the space in a clean condition, report any damage as soon as possible, and return keys as instructed before leaving.

Transportation

Students must have access to a reliable vehicle for this rotation.

TEXTBOOK/READING MATERIALS

Students will be required to review a range of cases over the course of the rotation, which will be covered in three formats (cases and links available in ICON):

- **Aquifer FM online cases** (*5 required)
- **Case Discussions** (*4 of 6 required): Students will discuss the material in these cases with their community-based family physician preceptor and document these in ICON. The cases are:
 1. Headache
 2. Dysuria
 3. Acute Respiratory Infection
 4. Chest Pain
 5. Cough
 6. Fatigue
- **Case Based Learning (CBL)**: Students will participate in didactic sessions with the faculty coordinator at their assigned RMEC. The cases are:
 1. Anemia
 2. Hyperlipidemia
 3. Hypertension
 4. Intimate Partner Violence
 5. Thyroid Disorders
 6. Substance Use Disorders

Note: There is no textbook for this clerkship.

REQUIRED CLINICAL EXPERIENCES

There are 30 RCEs and by communicating and planning with your preceptor, and with careful attention on your part, we expect you will easily be able to capture these in clinic. It is acceptable to use a single encounter to complete multiple RCEs. If you anticipate difficulty attaining any of these experiences, please contact the Clerkship Director as soon as possible.

This data can be audited as part of the accreditation process and it is expected to be an accurate representation of your patient encounters.

Log in to the Clerx System at: <https://webapps1.healthcare.uiowa.edu/Clerx>

RCE	Student Role	Min #	Modality	Type
Abdominal/Pelvic Pain	Assisted	1		Diagnosis
Normal Childhood Growth and Development Counseling	Assisted	1		Skill
Complete Physical (any age)	Performed	3	Infant/Child (0-12 yrs) Adolescent Adult Geriatrics/Medicare Wellness (>65 yrs)	Skill
Otitis Media	Assisted	1		Diagnosis
Diabetes Mellitus	Assisted	2		Diagnosis
Exam: HEENT	Performed	1		Exam
Rash/Dermatitis	Assisted	1		Diagnosis
Gastrointestinal Disorders	Assisted	2	Constipation Diarrhea Dyspepsia GERD Inflammatory Bowel Disease Irritable Bowel Syndrome	Diagnosis
Goals of Care Counseling	Observed	1	Advanced Directives Counseling Hospice Counseling IPOST completion	Skill
Headache	Assisted	1		Diagnosis
Hyperlipidemia	Assisted	1		Diagnosis
Hypertension	Assisted	1		Diagnosis
Mental Health Disorder	Assisted	1		Diagnosis
Motivational Interviewing and Health Counseling	Assisted	1	Alcohol (SBIRT) Exercise Nutrition Obesity/Weight Loss Smoking Cessation	Skill
Osteoarthritis	Assisted	1		Diagnosis
Back Pain	Assisted	1		Diagnosis

Pharmacotherapy Counseling	Assisted	1	Anticoagulation Medication list review New drug initiation	Skill
Continuity of Care	Performed	1	Interact with at least 1 patient more than once (in person or via phone)	Skill
Family-Centered Care	Performed	1	Care of multiple family members Engaging a family member in the care of patient (in person or via phone)	Skill
Care of a Patient Outside of the Traditional Office-Based Setting	Observed	1	Group Home Home Visit Nursing Home	Skill
Chronic Respiratory Disorder	Performed	1	Asthma COPD Other Respiratory Disorder	Diagnosis
Acute Respiratory Illness	Performed	1	URI Sinusitis Bronchitis Pneumonia	Diagnosis
UTI	Performed	1		Diagnosis
Substance Misuse Counseling	Observed	1	Substance Abuse Substance Dependency	Skill
Skin Procedure	Performed	1	Biopsy Laceration	Procedure
Thyroid Disorders	Performed	1	Hyperthyroidism Hypothyroidism Thyroid Nodule	Diagnosis

FAMILY & COMMUNITY MEDICINE CLERKSHIP GRADING POLICY

Scoring Component	Value
Clinical Evaluation from Preceptors <ul style="list-style-type: none"> • Community FM preceptor (25%) • RMEC faculty/residents (10%) 	35%
Family Medicine NBME Examination	30%
Objective Structured Clinical Examination (OSCE)	15%
Task Completion/Professionalism (see “professionalism points” below) <ul style="list-style-type: none"> • FMCases in Aquifer (5) • Clerx <ul style="list-style-type: none"> ○ RCE checklist (30) ○ Mid-rotation Feedback ○ Direct Patient Observations (2) • ICON verification: <ul style="list-style-type: none"> ○ Case discussions (4) ○ Comprehensive H & P clinical note ○ Problem-focused /progress note • Reflection - Qualtrics (4) • RMEC CBL Participation/Professionalism Verification 	20%

Requirements for Honors	Combined Weighted Score: Minimum 88%* Evaluation: Minimum 45 points Examination: Minimum 75% OSCE: Minimum 70% Task Completion/Professionalism: 130 points
Requirements for Near Honors	Combined Weighted Score: Minimum 86%* Evaluation: Minimum 45 points Examination: Minimum 70% OSCE: Minimum 70% Task Completion/Professionalism: 120 points
Requirements for Pass	Combined Weighted Score: Minimum 65%* Evaluation: Minimum 30 points Examination: Minimum 60% OSCE: Minimum 52% Task Completion/Professionalism: 110 points

Combined weighted score = .35 (evaluation score percent).30 (examination percent)*.15 (OSCE percent)*.20 (task completion/professionalism). Total then rounded to the nearest percentage.

**Students must pass the NBME subject exam on the first attempt to receive Honors or Near Honors

- Any student who scores below 60% of the possible point total on the preceptor’s clinical evaluation will be required to meet with a course director to discuss the situation.
- Any student who scores below a 52% on the OSCE exam will be required to meet with a course director to review the OSCE videos and will also be referred to the Promotions Committee.
- Any student who fails to achieve a score of 60% or higher on the final exam will be required to schedule a make-up exam with the Medical Student Education Program fm-clerkship@uiowa.edu or 319-384-7517.

PROFESSIONALISM POINTS: Students can receive a total of 130 professionalism points and 12 of those points can be deducted as follows:

- Unapproved absences (points TBD on a case-by-case basis)
- Unexcused missed deadlines (lose 2 points per day)
- Concerns expressed by preceptor, faculty, staff, patients (points TBD on a case-by-case basis)

Participation/Professionalism Component	Points (Total Possible = 130)
Aquifer cases (5)	10
Mid rotation feedback	1
RCEs (30)	30
Direct patient observations (2)	2
Case discussions (4)	20
Clinical notes (2)	2
Reflective Questions (4)	8
RMEC CBL participation verification	20
UIHC Education Day participation	25
Discretionary points	12

- Approximately the top 40% ranking students for that quarter will receive Honors or Near Honors grades. The exact percentage may vary.
- Final responsibility for determining your course grade rests with the Clerkship Director. These guidelines may be adjusted at the discretion of the Clerkship Director.

NBME Family Medicine Shelf Exam

This is a 90-item exam, with 135 minutes permitted to complete:

Family Medicine Modular	
Systems	
General Principles, Including Normal Age-Related Findings and Care of the Well Patient	5-10%
Immune System	1-5%
Blood and Lymphoreticular System	1-5%
Behavioral Health	5-10%
Nervous System and Special Senses	1-5%
Skin and Subcutaneous Tissue	3-7%
Musculoskeletal System (% increases with the addition of the Musculoskeletal module)	5-10%
Cardiovascular System	5-10%
Respiratory System	5-10%
Gastrointestinal System	5-10%
Renal and Urinary System	1-5%
Pregnancy, Childbirth, and the Puerperium	1-5%
Female Reproductive System and Breast	1-5%
Male Reproductive System	1-5%
Endocrine System	5-10%
Multisystem Processes and Disorders	1-5%
Biostatistics, Epidemiology/Population Health, and Interpretation of the Medical Literature	1-5%
Social Sciences:	5-10%
▪ Communication and Interpersonal Skills	
▪ Medical ethics and jurisprudence	
▪ Systems-based practice and patient safety	

Physical Task	
Health Maintenance, Prevention and Surveillance	20-25%
Diagnosis, including Foundational Science Concepts	40-50%
Pharmacotherapy, Intervention and Management	25-30%
Site of Care	
Ambulatory	100%
Patient Age	
Birth to 17	15-20%
18 to 65	55-65%
66 and older	15-20%

PROFESSIONALISM

We expect students to be professional ambassadors of the University of Iowa Carver College of Medicine, and to behave accordingly both within and outside of the clinical setting.

- Do not engage in any activity that may be construed as the actual practice of medicine without the on-site presence and direction of the preceptor
- Wear your medical student ID badge at all times
- Always observe patient confidentiality
- Dress in appropriate professional clothing
- Always treat all members of the health care team with respect, courtesy, and appreciation
- Arrive on time for all meetings and responsibilities.

ASSIGNMENTS

All assignments and clerkship requirements must be completed by **1PM on Friday of Week 6:**

- Aquifer FM cases (5 required)
- Clerx requirements:
 - RCE log completed
 - Mid Clerkship Feedback form uploaded (PDF format)
 - Direct observation-History form uploaded (PDF format)
 - Direct observation-Physical Exam form uploaded (PDF format)
- ICON requirements:
 - Case discussions (4) verification
 - Comprehensive H & P clinical note verification
 - Problem-focused /progress note verification
 - Reflection (Qualtrics link in ICON)

REQUIREMENTS

The following requirements must be completed to pass this clerkship:

- Attend the Orientation to Family and Community Medicine
- Attend all Education Days and scheduled activities
- Complete CCOM and clerkship-specific course evaluations (2)
- Pass NBME Shelf Exam
- Satisfactorily complete the OSCE
- Initiate online preceptor evaluations of your performance throughout the clerkship (2)

ACCOMMODATIONS, RESOURCES, POLICIES AND PROCEDURES

Students with Disabilities

If you have a disability that requires accommodation to participate in lectures, clinical duties, or perform assessments in this course, let us know as soon as possible. Requests for special accommodations for examinations or other course requirements are addressed through a specific protocol coordinated centrally by the Carver College of Medicine Counseling Center. Individual course directors do not have the authority to provide special accommodations except as directed by the decision of the Disability Accommodations Committee. This Committee will consult course directors regarding the appropriateness and reasonableness of proposed accommodations. Therefore, the College's Policies for Students with Disabilities provides that students who seek the modification of seating, testing, or other course requirements must contact the Carver College of Medicine Counseling Center at the beginning of the academic year to implement the process for determining appropriate accommodations. Any student who believes that he or she may qualify for special accommodations should contact the Counseling Center immediately. Additional information can be found on the College's website: <https://medicine.uiowa.edu/md/supporting-students/student-handbook/policies-students-disabilities>

Diversity

Consistent with its academic mission and standards, the University of Iowa Carver College of Medicine is committed to achieving excellence through diversity. As a community of faculty, staff and students engaged in research, patient care, scholarship, teaching and learning, the College of Medicine fosters an environment that is diverse, humane, and welcoming. Efforts are made to provide a supportive environment in which people from a wide variety of backgrounds and cultures may encounter each other in a spirit of cooperation, openness, and mutual respect.

If you have ideas for how we could better encourage and support diversity in our specific course, please contact the Course Director directly.

Religious Accommodations

In order to address religious diversity on campus, and to abide by State and Federal law, the University of Iowa makes reasonable accommodations for students, staff and faculty, whose religious holidays or observances coincide with their work schedules and classroom assignments. If there is a conflict, please contact the Curriculum Director(s) and Coordinator to make other arrangements.

Medical Student Handbook

Please refer to the handbook for academic integrity and Honor Code expectations as well as policies related to physical, professional and ethical behavior and how to report mistreatment.

Medical Student Handbook: http://www.medicine.uiowa.edu/md/Student_Handbook.aspx

Student Mistreatment

The Carver College of Medicine provides students the highest quality medical education in the state's premier academic medical center. Students at the Carver College of Medicine can excel because the College maintains and expects an academic environment that is free from student mistreatment. The CCOM seeks to eliminate the mistreatment of medical students and to promote and support a welcoming and professional environment for students in the College of Medicine and associated

educational and clinical settings. If you have concern about student mistreatment we encourage you seek assistance. Details on policies and resources can be found on the [CCOM site \(item #12\)](#).

Sexual Misconduct/Sexual Harassment and Class Accommodations

The University of Iowa prohibits sexual misconduct, dating/domestic violence, and stalking in any form, including sexual assault or sexual harassment, and any form of nonconsensual sexual conduct. Students should be able to live, study, and work in an environment free from all forms of sexual misconduct, dating/domestic violence, and stalking.

Incidents of sexual misconduct can be reported to the [Office of Sexual Misconduct Response Coordinator \(OSMRC\)](#) or to the [Department of Public Safety](#). If you are uncertain if what you have experienced from a student is sexual misconduct, view the [Sexual Misconduct, Dating/Domestic Violence, or Stalking Involving Students](#) policy. If you are uncertain if what you experienced from a faculty or staff member is sexual harassment, view the [Sexual Harassment](#) policy.

Students impacted by a Title IX issue (sexual misconduct, dating/domestic violence, or stalking) may be eligible to request an academic accommodation. Contact the [Office of Sexual Misconduct Response Coordinator](#) for assistance, definitions, and the full University of Iowa policy.

If you or someone you know experiences sexual assault, sexual harassment, dating/domestic violence, stalking, or any other behaviors prohibited under this policy, you are strongly encouraged to seek assistance and support. Information about confidential resources (see the [Confidential Resources: Where to Start](#) video for an explanation) can be found here, [Confidential Resources for Students](#).

Medical Student Counseling Center

The Carver College of Medicine provides **confidential** personal counseling, career counseling, academic assistance, disability accommodations.

- Between 8:00 am and 5:00 pm Monday through Friday:
 - **Call the MSCC** at **(319) 335-8056**, or
 - **Come to the MSCC** in **1240 MERF**.
- They schedule **regular** appointments as quickly as possible, usually within a couple of days of being contacted.
- They see students on a **walk-in basis** whenever possible.
- They reserve time each day for **urgent appointments**. If you are experiencing significant distress or need assistance with a time-sensitive matter, please call us or come in and request a **same-day appointment**.

If you are experiencing an **emergency and/or have any safety concerns** (you or someone you know) during regular office hours M-F, 8AM-5PM, please call or come to the MSCC and let them know you need immediate assistance.

For emergency assistance at any time, please call the Psychiatry Resident On Call at 319-356-1616, the UI Department of Public Safety at 319-335-5022, UIHC Emergency Treatment at 319-356-2233, or 911.