

FAMILY AND COMMUNITY MEDICINE

Reno

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Department(s): Family and Community Medicine **FCM**
Course Title Advanced Clinical Experiences in FCM 661b
and Number: Family and Community Medicine (Reno) Section 001

Preceptor(s): Marcia Lu, M.D.
Department Faculty

Length: 4 weeks (2-5 negotiable)

Objectives/Goals:

This is a four-week elective in which the student will be exposed to comprehensive evaluation and management of patients and their families in the office as well as the hospital. The student serves as the patient's primary caregiver and is expected to make management decisions under direct supervision of the hospital resident and attending, and also works closely with the first-year resident and 3rd-year medical students on the team. Range of patients from obstetrics and newborn care to geriatrics.

Description of Rotation:

The student will spend mornings on hospital rounds at both Washoe Medical Center and St. Mary's Regional Medical Center. Afternoons will be spent in the Family Medicine Center doing ambulatory care. Educational activities include daily work and attending rounds, twice-weekly morning report, and weekly resident conference series. All patient write-ups will be supervised and co-signed by residents and attendings. Some short presentations on assigned subjects will be given at morning report.

Reference:

Student's choice:
Family Medicine Principles and Practice, by Robert B. Taylor, M.D. or
Textbook of Family Practice by Robert E. Rakel
Other texts such as Harrison's, Nelson, Williams and others for more specialized subjects.

Evaluation Method:

Clinical Performance Evaluation Sheet for Nevada students, student's medical school's evaluation.

Grade:

Honors/High Pass/Pass/Marginal/Fail
Composite evaluation from residents and faculty based on evaluation form.

Department(s): Family and Community Medicine **FCM**
Course Title Additional Experience in Family FCM 661b
and Number: Medicine (Las Vegas) Section 002

Preceptor(s): Thomas Hunt, M.D.
James Lenhart, M.D.
Andra Prum, D.O.
Aron Rogers, D.O.
Elissa Palmer, M.D.

Length: 2-4 weeks

Objectives/Goals:

At the end of this rotation the student should be able to demonstrate an ability to care for patients in a primary care setting on a sub-internship level. The student should be able to perform a complete history, physical examination and assessment of both inpatients and outpatients of all ages. A more advanced knowledge of the management and a more advanced knowledge of the medical conditions of these patients should be demonstrated.

The purpose of this rotation is to prepare the students for entering an internship for family practice or to gain further experience in general medicine if the student is planning career goals other than family practice.

Description of Rotation:

The fourth year student will spend time in the hospital and in outpatient clinics working directly with family medicine faculty. Students will also be given the option of working on the inpatient service at UMC. Students who rotate for 3 weeks or more will be required to either present a 15-20 minute power point presentation at morning report or write a 2-3 page paper on an interesting case that they experienced on this rotation. Please see the syllabus for details.

Reference:

Lange, Current Diagnosis and Treatment
Nelson, Textbook of Pediatrics
Barker, Principles of Ambulatory Medicine

Evaluation Method:

Subjective

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Advanced Public Health and **FCM 661e**
and Number: Preventive Medicine (Carson City) **Section 001**

Preceptor(s): Coordinator: David C. Fiore, M.D.

Length: 2 -4 weeks

Objectives/Goals:

Students will:

- 1) Learn to assess and understand the important health needs of the community in which they work.
- 2) Understand and be able to interact with community health resources that may be utilized in the care of patients and their families, including school health services and public health (including environmental health) services.
- 3) Understand basic concepts of epidemiology and their application to community medicine.
- 4) Understand and be able to implement disease prevention/health promotion, including appropriate strategies and behaviors such as immunizations and healthful lifestyle changes that will protect children, adults, and families from illness or injury.
- 5) Participate in various functions of the Washoe County Health Dept. including, but not limited to, the Epi meeting, TB clinic, Vector control, etc.

Description of Rotation:

The objective of this course is to provide the student with exposure to and experience in public health and preventive medicine. The course is a 2 – 4 week experience observing and participating in the functioning of the Washoe County Health District and/or Nevada State Division of Health. The student will have the opportunity to participate in facility inspection, investigation of outbreaks of illness, etc. He/she will work with sanitarians, the communicable disease group, public health nurses doing follow-up, and the director in administrative activities. In addition, the student will have the opportunity to attend clinics for sexually transmitted diseases, other special clinics, and meetings of the State Board of Health.

Reference:

None

Evaluation Method:

The standard clerkship evaluation forms will be utilized by the instructor and student. In addition, the student is expected to study an area of interest in some depth and prepare a written report.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Primary Care Sports Medicine **FCM 661h**
and Number: (Reno) Section 001

Preceptor(s): Course Coordinator – Scott Hall, M.D.
Co-Coordinator – Carol Scott, M.D.
Orthopedics – Renny Uppal M.D., Ryan Dobbs, M.D.
Physical Therapy - Gene Cudworth, Randy Jacobe
Podiatry - Craig Karrasch, Tracey Giambrone
Athletic Training - Marc Paul

Length: 4 weeks
(Offered during September, October, November only)

Objectives/Goals:

After completing Primary Care Sports Medicine, the student should be able to:

- 1) Demonstrate an understanding of the role of various health-care providers in managing sports related problems.
- 2) Recognize and manage (or refer) uncomplicated acute athletic injuries.

Description of Rotation:

Students will rotate with various healthcare providers throughout this elective. They are expected to be appropriately dressed, arrive on time and express a desire to learn from each provider.

Reference:

Binder with pertinent articles is loaned to students during the rotation.

Evaluation Method:

Evaluations are completed by each provider that the student works with and a summary is then completed by the coordinator.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Sports Medicine FCM 661h
and Number: (Las Vegas) Section 002

Preceptor(s): Jason Tarno, D.O.
Andra Prum, D.O.

Length: 4 weeks

Objectives/Goals:

At the end of this rotation, the fourth year student should be able to demonstrate a knowledge of common sports injuries, their treatment and prevention. Students interested in Family Medicine and/or Sports Medicine are preferred.

Description of Rotation:

A wide variety of experience will be given in sports medicine on the college and high school level. Sites will be the Family Practice Center, UNLV Athletic Department, Private Practice Sports Medicine Clinics, Physical Therapy Facilities and Orthopedic offices.

Reference:

As per faculty.

Evaluation Method:

Subjective

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Wilderness Medicine **FCM 661m**
and Number: (Reno) **Section 001**

Preceptor(s): David C. Fiore, M.D. (Winter Session)
Gary E. Johnson, M.D (Spring Session)

Length: 1 -2 weeks

Dates: Winter Session February 17 – 21, 2010
Spring Session April 12 – 25, 2010
(Campout April 15 – 18)

Objectives/Goals:

The intent of the course is to prepare physicians to deal with medical problems occurring in areas where traditional medical equipment, laboratory and backup are unavailable. It also provides tools for recognizing and treating wilderness related problems presenting directly to the physician's office. An emphasis is placed on self-reliance, abstract thinking and provision of care outside of traditional medical settings.

Description of Rotation:

A) Winter Elective: This is a one week rotation for 4th-year medical students. Didactics are offered on a variety of topics related primarily to cold weather wilderness medicine. Topics that are usually covered include diagnosis and management of hypothermia and frostbite, winter backcountry travel safety, altitude medicine, first aid kits and more. The elective culminates in a winter backcountry camping trip (hut lodging may be available). Please note that you may take either or both the winter and spring courses as they are designed to complement each other.

B) Spring Elective: This is a 2-week rotation designed for 4th-year medical Students nearing graduation. Formal morning didactic sessions are offered on a variety of topics ranging from High Altitude Illness to Snake Bites. These classes are supplanted with an onsite triage experience, development of a first aid kit, a "procedures practicum" and a 3-day campout. A syllabus (\$5 fee) presents literature on these topics and some supplemental reading is required. Students are also asked to read Into Thin Air, an account of the 1992 tragedy on Mt. Everest.

Reference:

Into Thin Air: A Personal Account of the Mt. Everest Disaster by Jon Krakauer
(\$7.99 at UNR bookstore)

Evaluation Method:

The grade is dependent on attendance, participation, completion of readings and a final exam. Honors is available only through participation in all aspects of the course including the campout and a separate project which will be defined individually.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title UNR Student Health Center **FCM 661p**
and Number: Ambulatory Care Rotation (Reno) **Section 001**

Preceptor(s): Medical Staff at UNR Student Health Center
Carol Scott, M.D.

Length: 2 to 4 weeks
(Limited to UNSOM students only)

Objectives/Goals:
To gain experience in the diagnosis and treatment of common sports injuries, STDs, contraception counseling, adolescent medicine including common infectious diseases, gynecology and women's health, and perform common office procedures.

Description of Rotation:
The Student Health elective is an ambulatory care rotation which involves caring for university students in an outpatient clinic setting. Residents and students receive training from Student Health and Family and Community Medicine physicians. In addition, they interact and receive training from nurse practitioners and physician assistants and the nursing staff.

Reference:
During their rotation, students are given a handbook with articles detailing treatment as above in addition to: contraceptive counseling, UTIs, concussion and other sports injuries, headache, vaginitis and acne. The articles are regularly reviewed and updated as needed.

Evaluation Method:
Based on student performance as described in written objectives provided. There are no written or oral tests.

Grade:
Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Family Medicine Scholar FCM 661s
and Number: (Reno) Section 001

Preceptor(s): Daniel R. Spogen, M.D.

Length: Longitudinal (approximately 40 hours)

Description of Rotation:

The Family Medicine Scholar is a 4th year medical student with a strong interest in a career in Family Medicine. The main purpose of the rotation is to plan activities of the Family Medicine Interest Group with a special focus on the 4th year student needs, ie., residency applications, interviews, sub-internships, etc. It is also to design workshops for the 1st and 2nd year students and assist them in their needs for planning their 3rd and 4th years. In addition, the Family Medicine Scholar would be exposed to the politics of Family Medicine. This would involve activities in both the Nevada Academy of Family Physicians and the American Academy of Family Physicians. The rotation is expected to take the entire school year, but will involve primarily weekend and evening activities.

Reference:

None

Evaluation Method:

Evaluation will be based on participation and performance; and will be evaluated by the preceptor.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Family Medicine Scholar **FCM 661s**
and Number: (Las Vegas) **Section 002**

Preceptor(s): Andra Prum, D.O.

Length: Longitudinal (approximately 40 hours)

Description of Rotation:

The Family Medicine Scholar is a 4th year medical student with a strong interest in a career in Family Medicine. The main purpose of the rotation is to plan activities of the Family Medicine Interest Group with a special focus on the 4th year student needs, i.e., residency applications, interviews, sub-internships, etc. It is also to design workshops for the 1st and 2nd year students and assist them in their needs for planning their 3rd and 4th years. In addition, the Family Medicine Scholar would be exposed to the politics of Family Medicine. This would involve activities in both the Nevada Academy of Family Physicians and the American Academy of Family Physicians. The rotation is expected to take the entire school year, but will involve primarily weekend and evening activities.

Reference:

None

Evaluation Method:

Evaluation will be based on participation and performance; and will be evaluated by the preceptor.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Advanced Clinical Experiences in FCM/IMED 662
and Number: Nutrition (Reno) Section 001
(Las Vegas) Section 002

Preceptor(s): Sachiko T. St Jeor, Ph.D., R.D.(Reno and Las Vegas)
Ray Plodkowski, M.D. Jessica Krenkel, Ph.D., R.D.
Miriam Een, M.S., R.D. Jolyn Wirshing, M.P.H., R.D.
Barbara Scott, M.P.H., R.D. Maureen Molini, R.D.
Catherine Gerwick, DMD, RD

Length: 2 - 4 weeks

Objectives/Goals:

To provide a specialized, clinical nutrition rotation for the medical student interested in medical nutrition applications and/or research. Student should:

- 1) Demonstrate in-depth understanding of the effects of nutrition assessment and interventions on the diagnosis, treatment and prevention of specific nutrition related diseases of stages of lifecycle development in which they are interested.
- 2) Work with their preceptor to define this flexible experience to prepare them for comprehensive medical care, especially as related to their future goals.
- 3) Be able to professionally present the results of clinical nutrition experience to the faculty and peers at the conclusion of their rotation.

Description of Rotation:

A two to four week course tailored to the interests of the medical student. Emphasis is on

(1) precepted medical nutrition care at the Center for Nutrition and Metabolic Disorders, Internal Medicine, Pediatrics, Family Medicine, or clinics as prearranged; (2) in-patient nutrition care, especially nutrition support; and/or (3) clinical nutrition research or independent study; and/or (4) collaborative work to develop and integrate nutrition care of research with a medical preceptor. The student may choose clinical experiences, independent study, an integrated approach, or a combination of these choices. The student will consult with the preceptor to plan a specialized clinical nutrition rotation or research questions. Students will be encouraged to complete comprehensive medical nutrition assessments, utilize evidence-based medicine, perform medical nutrition therapy counseling, and/or participate in nutrition research.

Reference:

Evidence-based practice guidelines will be provided for areas of student interest. Library time will be allowed as needed to translate current research into practice.

Evaluation Method

Quality of medical nutrition therapy assessments, research, and presentations. Ongoing evaluation of student performance by the preceptor and any site specific preceptors.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Advanced Clinic Elective: FCM/IMED 668
and Number: Nutrition and Metabolic Disorders
(Reno) Section 001
(Las Vegas) Section 002

Preceptor(s): Sachiko T St Jeor, Ph.D., R.D. (Reno and Las Vegas)
Ray Plodkowski, M.D. Catherine Gerwick, DMD, RD
Jolyn Wirshing, M.P.H., R.D. Jessica Krenkel, Ph.D., R.D.
Barbara Scott, M.P.H., R.D. Miriam Een, M.S., R.D.

Length: 1 hour credit (40 clinic hours which can be spread as needed over time, 1-2 semesters)

Objectives/Goals:

To provide an opportunity for students to learn experientially both as patients in the clinic and as their own co-therapists precepted by a member of the Division of Medical Nutrition and/or Division of Endocrinology faculty. Such clinical problems as obesity (weight management), diabetes, cancer, osteoporosis, pregnancy etc. would be appropriate for integrated nutrition and lifestyle counseling. Student should: 1) Demonstrate understanding of nutrition assessment, energy balance and dietary/weight histories as they affect diagnosis, treatment and prevention of many nutrition related diseases; 2) Demonstrate familiarity with the assessment of nutrition status and the different implications in health and disease. This includes indirect calorimetry to measure resting metabolic rate or RMR, bioimpedance for measurement of body composition, dietary intake assessments, nutrient adequacy assessment, physical activity assessments, energy balance and/or obesity assessments; 3) Be able to present their comprehensive medical case to faculty and peers, integrating scientific knowledge and evidence based medicine with their case. 4) Student will demonstrate knowledge of compliance and motivational issues to recommended treatment (such as diets, physical activity) and understand the role of interdisciplinary lifestyle changes in disease treatment and prevention.

Description of Rotation:

This course allows students to pursue personal nutrition/endocrinology issues for themselves (or close relative/friend) in the enhanced clinic setting. Diet and lifestyle therapy will be individualized according to need. The student will refer the patient to the clinic and participate in planning the care and follow-up. As the patient in the clinic (or attending all sessions with the patient), s/he will learn experientially by being the patient, being the student researching the problem, and being the clinician (figuring diets, writing chart notes, etc.). The patient will make appropriate scheduled appointments at the Center for Nutrition and Metabolic Disorders (CNMD) or as precepted with appropriate providers. For 1 credit, there will be 40 hours scheduled; for example, 10 x ½ day = 4 hours, (including the clinic visit and related activities) by the preceptor according to individualized goals and needs. This course provides the opportunity for students to obtain (with course credit) first hand experience dealing with nutrition related problems most likely to appear in their future practice and for friends/relatives requesting nutrition advice from them.

Reference:

Evidence-based practice guidelines will be provided for areas of student interest. Library time will be allowed as needed to translate current research into practice.

Evaluation Method:

Quality of precepted medical clinic visits and chart notes. Ongoing evaluation of student performance by the preceptor and any site specific preceptors. Comprehensive oral presentation of case (at end of 10 weeks or rotation) to nutrition/endocrinology faculty.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Family and Community Medicine **FCM**
Course Title Independent Study in Clinical Nutrition FCM/IMED 691
and Number: (Reno) Section 001
(Las Vegas) Section 002

Preceptor(s): Sachiko T St Jeor, Ph.D., R.D. (Reno and Las Vegas)
Ray Plodkowski, M.D. Jessica Krenkel, Ph.D., R.D.
Vicki Bovee, M.S., R.D. Jolyn Wirshing, M.P.H., R.D.
Barbara Scott, M.P.H., R.D. Miriam Een, M.S., R.D.

Length: 1 semester or 4 weeks full time

Objectives/Goals:

To encourage special clinical problem solving or research to meet an established academic and clinical medical nutrition goal. Student will:

- 1) Identify a special medical nutrition goal of interest and pursue its integration into medical practice; or
- 2) Identify a research question with background and significance, determine the methodology and organize the collection of data if needed, analyze the data, review the results, and present the discussion, conclusions, and future directions.
- 3) Student will present research results in an abstract for submission to local or national professional meetings if applicable.

Description of Rotation:

Special clinical problem solving or research under the preceptorship of faculty in the Division of Medical Nutrition. The student will initiate, design, and execute the student's own research project, publication, and/or clinical experiences with the guidance of a mentor. If applicable, the student will need to meet all Human Subjects requirements for research with patients or participants.

Reference:

Evidence-based practice guidelines and current research articles for translation into practice.

Evaluation Method:

Timely completion of goals with a demonstrated understanding of the clinical problem or research area. Review of the quality of products produced during the independent study. Presentation of the clinical problem, methods, results, conclusions, and future directions to peers and faculty.

Grade:

Honors/High Pass/Pass/Marginal/Fail