Course Department, & Number & Title: PED 806, Pediatric Community Medicine

Course credit or length: 2-4 Weeks. Available to only one student at a time. Flexibility exists to include a variety of experiences so that the particular needs and interests of each student are met. Students must contact Dr. Hensley (691-8900) one month in advance so that an appropriate schedule may be arranged.

Course directors and contact information: Dr. Christina Hensley, 304.691.8900, wagner43@marshall.edu

Course coordinator and contact information: Emily Smith. 304.691.1371, pelfrey40@marshall.edu

Course location: Various clinics and agencies located in and around the Huntington area.

Course Description: The student will spend a variable amount of time with a variety of agencies in order to observe what services are offered and how their individual missions are carried out. This will give the student the opportunity to become familiar with different agencies and services available in the community and to gain an understanding of the workings of these agencies and how they affect the lives of pediatric patients. The student will learn how to access these services when needed by the patient. The student will develop a working relationship with the staff of these agencies in order to be able to better serve the patients. The students will gain experience with local agencies that provide various services to infants, children, and adolescents in our area. Topics in community pediatrics including organization of primary care services, principles of public health, and preventive medicine will be stressed.

Additional Responsibilities of Students: On this elective the student may participate in any of the following activities: 1) home visits with public health nurses of the Cabell County Health Department, 2) health screenings of children at the Cabell County Health Department, 3) interdisciplinary team participation at the Autism Training Center at Marshall University, 4) weekly rural site visits on the mobile van, and 5) law enforcement agencies. The student may also participate in all regularly scheduled pediatric conferences. No night call will be required.

Institutional Objective
Patient Care - Students must demonstrate the ability to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.

Course Objective
The student will learn to provide family centered patient care that is developmentally and age appropriate, compassionate, and effective for the treatment of health problems and the promotion of health.

Outcome Measure:
The student will be able to develop and carry out patient care plans, using principles of evidence-based decision-making and appropriate prioritization, and taking into account the needs, beliefs and resources of patient and family. The student will be able to provide effective preventive health care and anticipatory guidance to patients and families. The faculty will assess the student’s ability.

Institutional Objective
Medical Knowledge- Students must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care.

Course Objective:
The student will learn how to seek information needed to answer clinical questions and use consultants,
community resources, and referrals appropriately in the role of pediatrician. The student will demonstrate the ability to acquire, critically interpret and apply this knowledge in patient care.

**Outcome Measure:**
The student will demonstrate to faculty the ability to acquire, critically interpret and apply this knowledge in patient care. The Attending will assess the students’ abilities and demonstration of knowledge during the course and an oral presentation to be included as part of the final grade evaluation.

**Institutional Objective**
**Interpersonal and Communication Skills**- Students must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals.

**Course Objective**
The student will be able to communicate effectively with physicians, other health professionals, and health-related agencies to create and sustain information exchange and teamwork for patient care.

**Outcome Measure**
The student will be able to:
- Work effectively as a member of a health care team, and collaborate productively with professional organizations.

**Institutional Objective**
**Professionalism**- Students must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles.

**Course Objective**
The student will behave in an ethical, responsible, reliable and dependable manner and be able to accept constructive feedback to improve performance. The student must demonstrate professionalism in interacting with other medical students and health care providers.

**Outcome Measure**
The student will be directly observed and assessed as part of the final grade by faculty to determine ethical behavior, reliability and level of dependability of the student and the student’s ability to accept criticisms or suggestions. The student will also be evaluated by faculty on:
- Professional behavior toward colleagues
- Exhibition of integrity and honesty
- Acceptance of responsibility one’s own actions and decorum
- Sensitivity to gaps in knowledge exhibited by colleagues
- Ability to work effectively as a team member

**Institutional Objective**
**Systems-based Practice** - Students will be able to recognize and better understand the role of other health care professionals in the overall care of the patient.

**Course Objective**
The student will practice interacting with the health team, including other physicians, nurses, physician and medical assistants, social workers, psychologists, and school personnel to better understand the role of ancillary staff that is critical to the care of pediatric patients.

**Outcome Measure**
The student will orally demonstrate to faculty the ability to:
- Understand the concept of interdisciplinary teams to improve patient care
- Understand the multidisciplinary resources necessary to care optimally for patients
Understand the need to collaborate with other members of the health care team to assure comprehensive patient care

Understand the use of evidence-based, cost-conscious strategies in the care of patients

**BASIC SCIENCE OBJECTIVES**

**Basic Science Objective**
Students will demonstrate basic knowledge of the immunization schedule for pediatric patients.

**Outcome Measurement**
Faculty will assess the students’ knowledge

**Basic Science Objective**
Students will demonstrate basic knowledge of normal growth and development (physical, physiologic and psychosocial) and clinical application of this knowledge in patients of all ages from birth through Adolescence.

**Outcome Measurement**
Faculty will assess the students’ knowledge.

**Basic Science Objective**
Students will demonstrate basic knowledge of the basic pathophysiology and diagnosis of common immunodeficiency syndromes.

**Outcome Measurement**
Students will demonstrate to faculty basic knowledge of the basic pathophysiology and diagnosis of common immunodeficiency syndromes such as rhinitis, conjunctivitis, atopic dermatitis, contact dermatitis, urticaria, anaphylaxis.

**Self-Directed Learning**
As a medical student, you are encouraged to use any unstructured time to read about your patients, research questions that arise during the day, prepare for case conferences, and prepare for student-faculty rounds. Preceptors have been specifically asked to look for evidence that you have read articles and books between clinic sessions. Use this time to build your knowledge of medicine and learn from your patients.

**ASSESSMENT METHODS**

**Mid Point Evaluation**
In accordance with LCME standard ED-30, the Course Director will evaluate student performance at mid-point to review the student’s professional, clinical and academic performance up to that point. The formative evaluation must be reviewed with the student and the student will have an opportunity to discuss with the Course Director. The form must be signed by the student and returned to the Course Director. The Course Director shall then forward a copy of the form to the Office of Academic Affairs. The form will NOT however be included in the student’s official academic record. For two week electives, oral feedback shall be provided at the end of the first week.

**Preceptor Evaluation- 100%**
The preceptors’ evaluation will be based, but not limited to, upon the following factors:

- Attendance and participation in assigned activities
- Demonstration of knowledge and skills
- Maturity and Professionalism
- Oral Case presentation/patient workup
- Informal oral case discussions and presentations
- Self-directed learning
Grade Mode: Honors/Pass/Fail

The students are directly observed by the attending and assessed on clinical knowledge, professionalism, self-directed learning and attitude to learning, critical thinking, history taking and physical examination skills and decision making skills using the stated course objectives.

Each component mentioned above must be passed in order to successfully complete the course.

**MUJCESOM Policies:** All medical students taking this course will comply with School of Medicine policies given at http://musom.marshall.edu/students/policies.

**Reading:** [www.UpToDate.com](http://www.UpToDate.com) As per assignment by faculty and Chief Residents