Course Department, Number & Title: PED 801, Ambulatory Pediatrics

Course credit or length: 2-4 Weeks. This elective is available to only one student at a time.

Course directors and contact information: Dr. Mark Wippel 304.691.1371, wippel@marshall.edu

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

Course location: Marshall Pediatrics, 3rd Floor, Marshall University Medical Center

Course Description: The student will observe and participate in the delivery of general pediatric care in the outpatient clinics with the pediatric faculty and residents. The student will participate in well-baby exams and health maintenance visits for infants through adolescence. They will be exposed to a wide variety of acute health problems as well as a wide variety of chronic medical problems.

Additional Responsibilities of Student:
Students are to report to clinic at approximately 8:00 AM Monday through Friday unless otherwise instructed by attending or resident. On this elective the student will interview his/her patients and/or their parents, perform the physical examination, arrive at the treatment plan, present each case to the attending or senior resident who will review and check the findings and make the final disposition on treatment and follow-up. For acute disease, the student will be encouraged to follow his/her own patients for the term of the elective. The student will have an opportunity to follow those patients who are admitted to the hospital if desired. The student will also assist in telephone management of common pediatric problems. The student is required to attend (and participate) in all scheduled resident lectures, grand rounds, case discussions, etc. while on this elective. A schedule of the weekly didactic sessions will be available for the student.

This elective does not require night call.

AMBULATORY PEDIATRICS

Institutional Objective
Patent 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 be introduced to ambulatory care of infants, children and adolescents and increase skills in the care of pediatric patients.

Outcome Measure
The student will orally present at least four pediatric cases to a designated Attending. The patient cases must be one in which the student was directly involved. During this presentation, the student must demonstrate the basic ability to conduct an assessment of growth and development, formulate a differential diagnosis as well as develop an investigatory plan, and the formation of an appropriate treatment plan, including ordering and interpreting laboratory and radiographic studies. The student shall also be able to offer counsel to the adolescent patients if appropriate.

Course Objective
The student will demonstrate the ability to become familiar with preventative health care issues of pediatric patients.
**Outcome Measure**
The student will orally discuss with faculty areas of preventative health care issues for pediatric patients, including establishing good nutritional patterns and safety habits and the ability to appropriately treat the common acute and chronic problems.

**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 must demonstrate basic knowledge in pediatrics.

**Outcome Measure**
The Attending will assess the student’s abilities and demonstration of knowledge during the course.

**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 information effectively with members of the health team, including other physicians, nurses, physician and medical assistants, psychologists, school personnel and social workers.

**Outcome Measure**
The student will be able to demonstrate to faculty:
- The ability to communicate effectively with others
- The ability to perform concise oral case presentations
- The ability to work as a team member and leader

**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 and other health care professionals
- 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, school personnel and social workers 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 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:
• Clinic 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

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.

Required Reading: www.UpToDate.com As per assignment by faculty and Chief Residents