Course Department, Number & Title: PED 825, Child Development and Behavior

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

Course directors and contact information: Dr. James Lewis, lewisj@marshall.edu

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

Course location: Marshall Pediatrics and Community Settings.

Course Description: This elective will introduce the student to the psychosocial aspects of Pediatrics. The student will have the opportunity to observe family therapy sessions, developmental evaluations, and observe children in various clinical and community settings. The student will have core reading material. In addition, the student will spend one-half of the elective learning, practicing, and demonstrating basic interviewing skills. Another focus of this elective will be on gaining an understanding of normal developmental processes; attachment, autonomy, mother-infant interaction, coping, Piaget's cognitive theory, temperament. Different types of screening techniques will also be taught; and Denver Developmental Screening Test skills will be practiced.

Additional Responsibilities of Students: Students are to report at 8:30 AM Monday through Friday unless otherwise instructed by attending. During one-half of the elective, the student will observe in a variety of clinical and community settings. The other half of the elective will be devoted to:

1. Didactic presentations on interviewing topics.
2. Role play of various clinical situations.
3. Videotape of patients seen in an outpatient setting and reviewed with attending.

On this elective the student will be required to attend scheduled resident lectures, grand rounds, case discussions, etc. unless otherwise instructed by attending. A schedule of the weekly didactic sessions will be available for the student.

This elective does not require night call.

The student will also:

1. Actively participate in learning interviewing skills and performing interviews.
2. Read core block of material.
3. Attend all scheduled clinical and community activities.
4. Prepare a presentation on a psychosocial topic. Give the presentation at the one-hour morning clinic teaching session.

*Optional

PEDIATRIC CHILD DEVELOPMENT AND BEHAVIOR

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 development 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:
- Use a logical and appropriate clinical approach to the care of children who present with developmental and behavioral concerns, applying principles of evidence-based decision-making and problem-solving.
- Provide sensitive support to children who present with developmental and behavioral concerns, and their families.

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 develop a working knowledge of typical development and behavior for children and families and apply this knowledge in the clinical setting to differentiate normal from abnormal states.

Outcome Measure
The student will demonstrate the ability to recognize and manage specific pediatric behavioral, developmental and medical problems using knowledge and insight about family development and family systems theory.

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, 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

Course Objective
The student will experience the role families play in the physical and emotional health of children.

Outcome Measure
The student will directly observe a faculty member interviewing family members to determine their role in the physical and emotional health of the patients.
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, and social workers to better understand the role of ancillary staff that is critical to the care of newborn 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 newborn
- 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

Basic Science Objective

The student will develop and refine their abilities to use their understanding of pathophysiology, disease status and clinical pharmacology to solve and manage patients.

Outcome Measure

The faculty will assess the student’s knowledge and ability.

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/Honors/Pass/Fail**

Communication with ancillary services (i.e. occupational therapy, physical therapy, social services, respiratory therapy, and nutrition/dietary) and consultation with subspecialists provide unique educational opportunities. Review of recent literature and evidence-based medicine will be discussed as it relates to the treatment of the patient in addition to cost effectiveness of care. Students are required to attend all scheduled didactic sessions held in the pediatric department. 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](http://musom.marshall.edu/students/policies).

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