



## PEDS 603 Developmental Pediatrics

### **Elective Description**

The purpose of this elective is to reinforce previously learned skills and principles of treating children with developmental and behavioral problems. Students will receive additional training in a variety of medically directed diagnostic services for infants, children, and adolescents suspected of developmental and or learning problems, including those at risk of problems associated with birth.

Credit: 2-4 semester credits

Prerequisites: PEDS 500

Elective Structure: The emphasis in this clerkship will be the following topics:

- Common patterns of normal development and typical variations in those patterns.
- Environmental processes that affect development and behavior.
- Communication skills with parents and children.
- Principles of development surveillance and screening from infancy through adolescents.
- Identification and treatment of simple, common behavioral difficulties that arise during infancy, childhood, and adolescents.

### **Entrustable Professional Activities**

As a fourth-year student, the focus of skills development are those tasks important for entering residency training:

- Gather a history and perform a physical exam
- Prioritize a differential diagnosis following a clinical encounter
- Recommend and interpret common diagnostic and screening tests
- Enter and discuss orders and prescriptions
- Document a clinical encounter in the patient record
- Provide an oral presentation of a clinical encounter
- Form clinical questions and retrieve evidence to advance patient care
- Give or receive a patient handover to transition care responsibility
- Collaborate as a member of an inter-professional team
- Recognize a patient requiring urgent or emergent care and initiate evaluation and management
- Obtain informed consent for tests and/or procedures
- Perform general procedures of a physician
- Identify systems failures and contribute to a culture of safety and improvement

### **General Course Objectives**

Medical Knowledge

- Identify the normal developmental milestones for infants, toddlers, preschoolers, school age children, and adolescents.

- Describe common behavioral/developmental problems of each stage of development and how to assess and begin interventions.
- Describe environmental factors that can impact development and behavior of a child positively and negatively.

#### Patient Care

- Complete, or observe, a complete assessment, including medical, developmental, school, family, and social history and physical examination when evaluating children suspected of developmental or behavioral problems.
- Become familiar with the services provided and know how to access the resources available through outside agencies to address social-emotional and/or developmental-behavioral concerns.
- Be able to identify children with developmental delays.
- Identify the following developmental-behavioral pediatric problems, and know when to initiate evaluation and/or refer for more comprehensive assessment if appropriate:
  - ADHD
  - Learning disabilities
  - Anxiety
  - Autism
  - Cerebral palsy

#### Interpersonal and Communication Skills

- Demonstrate the ability to obtain information from children, adolescents, and families in a manner that is culturally sensitive, developmentally appropriate, and family focused.
- Demonstrate skill in using appropriate interview techniques to gather information using open-ended and direct questions, monitoring nonverbal communication, observing child behaviors, and providing/receiving feedback from patients and families.

#### Practice-based Learning and Improvement

- Describe the advantages and disadvantages of developmental surveillance and screening in the general pediatric population.
- Demonstrate an understanding of the process of developmental surveillance, which emphasizes monitoring development over time and in the context of the child's overall well-being using historical information, parental concerns, clinical observation, hands-on examination, and family/environmental information.

### **REQUIRED TEXTBOOKS and Other Resource Material**

Kliegman, RM, BMD Stanton, J St. Geme, NF Schor. 2016. *Nelson Textbook of Pediatrics*, 20<sup>th</sup> edition, Elsevier Health Sciences Publishing. [ISBN 978-1-4557-7566-8]

#### Additional Material

Yamamoto L. 2015. *Case Based Pediatrics for Medical Students and Residents*, 2<sup>nd</sup> edition: <http://www.hawaii.edu/medicine/pediatrics/pedtext/>

### **Evaluation**

The evaluation will include the entrustable professional activities. The clerkship preceptor will evaluate those relevant to this clerkship experience.

### **GRADES**

This elective is graded Satisfactory/Unsatisfactory.

## **POLICIES**

### **ACADEMIC DISHONESTY**

The University holds its students to the highest standards of intellectual integrity. Therefore, the attempt of any student to pass any examination by improper means, present work which the student has not performed or aid and abet a student in any dishonest act may result in disciplinary action including immediate dismissal. Any student witnessing or observing a perceived violation of academic dishonesty is required to report it as outlined in the Guidelines. Students failing to report an observed violation may also receive disciplinary action.

### **ATTENDANCE POLICIES**

Attendance of lectures and laboratories is based on the University's stated attendance policy. Refer to the Student handbook for more information.

### **CONDUCT**

The University expects all students to be responsible individuals who possess the highest standards of integrity, honesty and personal conduct. These traits are prerequisites to independent learning, professional development, the successful performance of academic and clinical assignments, and the conduct of one's personal life. Accordingly, students are expected to adhere to a standard of behavior consistent with the University's high standards at all times off and on campus. Compliance with institutional rules and regulations, in addition to city, state and federal laws, is expected.

### **COPYRIGHT POLICY**

Trinity Medical Sciences University must respect and observe the right and privileges of copyright holders, obey the United States Copyright Act and preserve the integrity of its internal network systems. All students must sign the technology and software use policy. A copy of this policy may be obtained from the Information and Technology Department.

### **DRESS CODE**

All students are expected to maintain the highest standards of professional appearance at all times. During years one and two and while on campus. Medical students are required to wear scrubs or white coats with appropriate dress. Appropriate dress for clinical students includes business slacks with open-collar shirt for men, and business slacks or skirt with professional shirt or sweater for women.

## **Trinity School of Medicine Faculty Contact Information**

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