

**Research/Reading Block (elective)**  
PGY 1-4 (Peds-Med Peds)

**Course Description**

Note: This block can only be taken with permission of the Pediatric or Med-Peds Program Director. Only one block for research/reading may be taken during one's residency, and it may be taken only if requirements are on track for completion by the end of the resident's training. The project may take the form of a retrospective chart review and paper or poster or a case report with a literature review. Alternatively, if a resident is involved in bench research, he/she may, with permission, use the second continuity clinic slot to work on a research project (rather than using a block month).

The resident will work with a faculty member advisor on this rotation. The faculty mentor will help by guiding the reading program or making sure the reading is appropriate for the resident's needs. If a research project is chosen, the resident will also work with a faculty member who will help plan and execute the research. The faculty advisor will be responsible for evaluating the resident on the rotation. A copy of the completed paper, poster, or oral meeting presentation should be kept in the resident physician's portfolio.

**Medical Knowledge**

**GOAL:** The resident should become knowledgeable about the area of research in which he/she will be engaging. He/she should read the appropriate literature on the topic to learn important background information.

**OBJECTIVES:**

1. Show that s/he is able to read deeply about a topic in pediatrics
2. Demonstrate knowledge about the subject in discussions with the faculty research mentor.

**Practice-Based Learning and Improvement:**

**GOAL:** The resident is expected to investigate and evaluate research in the chosen area. S/he should show improvement in research methods/ideas during the experience.

**OBJECTIVES:**

1. Show the ability to access the literature on topic of study.
2. Demonstrate that he/she can come up with a research question based on the literature review (if appropriate for project).
3. Demonstrate the ability to critically read the literature if writing a review of a topic in pediatrics (i.e. a case report with a literature review).

### **Interpersonal and Communication Skills:**

GOAL: Resident will be expected to write a paper, poster, or oral presentation on the topic. He or she should be able to work effectively with other members of the research team.

#### **OBJECTIVES:**

1. Demonstrate the ability to write an IRB proposal for research.
2. Demonstrate the ability to put together a logical and easily readable poster presentation, review paper, or oral presentation.
3. Show the ability to communicate effectively with other members of the research team.
4. Maintain accurate research records.

### **Professionalism:**

GOAL: Residents will learn the importance of an ethical approach to research, including the importance of the Institutional Review Board (IRB), honesty in reporting results, and an ethical and professional approach to information.

#### **OBJECTIVES:**

1. Demonstrate an understanding of the importance of confidentiality of patient data and information.
2. Demonstrate an understanding of the function and importance of the IRB.
3. Understand issues involved in research on children, including consent laws.
4. Demonstrate complete openness in reporting data.