PEDS-750: HONORS PEDIATRICS

**Aims**

This four-week elective will provide you with opportunities to gain broad knowledge on pediatric problems leading to development of thorough problem lists and management plans for each. Additionally, the student will gain insight into the unique rigors and requirements of residency and reflect upon strategies to successfully balance residency and personal life.

**Objectives**

**Medical Knowledge**

- Describe the epidemiology, pathophysiology, and clinical findings of common pediatric conditions
- Describe how age and development influence clinical findings and epidemiology of common pediatric conditions
- List drugs of choice and rationale for their use in common pediatric illnesses, identifying contraindications to therapeutic drug use in children of different ages and/or diagnoses
- Calculate doses of medication based on age, weight, body surface area, and diagnosis
- Calculate fluid and electrolyte requirements for children based on weight, caloric expenditure, diagnosis, and fluid status

**Professionalism**

- Recognize the impact of stress, fatigue, and illness on learning and performance
- Recognize and appropriately act on unprofessional behavior demonstrated by others

**Practice-Based Learning & Improvement**

- Demonstrate self-directed learning by identifying strengths, deficiencies, and limits of one’s knowledge through self-evaluation

**Methods**

**Medical Knowledge & Practice-Based Learning & Improvement**

- Complete suggested readings as outlined in the course documents
- Independently research medical literature for evidence-based therapies
- Participate in teaching sessions, conferences, and case discussions

**Professionalism**

- Recommend methods of stress reduction for self and colleagues
- Identify the ethical issues surrounding professional conduct
- Write a reflective paper describing the impact of past experiences on one’s current practice of medicine

**Evaluation**

**Medical Knowledge & Practice-Based Learning & Improvement**

- Clinical Cases (80%)

**Professionalism**

- Reflective paper (20%)

**Scheduled Activities (UNMC College of Medicine Required Reporting)**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Hours/Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rounds (Clinic)</td>
<td>0</td>
</tr>
<tr>
<td>Research Project (optional)</td>
<td>5</td>
</tr>
<tr>
<td>Didactic Conferences</td>
<td>15</td>
</tr>
<tr>
<td>Independent Patient Care</td>
<td>0</td>
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<tr>
<td>Independent Learning</td>
<td>20</td>
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</tbody>
</table>

**Evaluation**

**Elective Director:** David Finken, M.D.

**Administrative Contact:** Patty Davis (559-2263)

**Office Location:** UT 5148A

**Offered:** March

**Max # Students/Period:** 4 (min. 2)