2012 Exploration of Pediatric Allergy and Immunology

Course: Exploration of Pediatric Allergy and Immunology  Course Number PED 2012

Department: Pediatrics

Faculty Coordinator: J. Andrew Bird, MD

UTSW Education Coordinator Contact: Anthony Lee (Anthony.Lee@UTSouthwestern.edu)

Hospital: (Location of rotation) Children’s Medical Center-Dallas

Periods Offered: Periods 3-14 and 19-24

Length: 2 weeks

Max # of Students per 2week period: 1 (Pre Clerkship Student)

First Day Contact: Maite De la Morena. MD

First Contact Time: 7:00am

First Day Location: Children’s Medical Center – Pavilion 5th Floor Clinic - Physician’s Touchdown

I. Course Description

This is a 2 week introductory course enabling the student to explore the medical specialty/discipline. The student will learn about the scope of practice, frequently encountered pathology/diagnoses, and specialty specific diagnostic procedures. The purpose of the course is to allow the student the opportunity to explore a career in the specialty, and/or to acquire knowledge in the specialty regarding appropriate referrals, consults, etc. relevant to future career plans.

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<tr>
<th>Goals</th>
<th>Objectives</th>
<th>Assessment Methods</th>
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<tr>
<td>Patient Care:</td>
<td>• The student will be able to list appropriate indications to consult the</td>
<td>• The student will be evaluated based on oral presentation on rounds and chart</td>
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<tr>
<td>Students will learn the</td>
<td>specialty and will be able to develop a well-constructed consult to this</td>
<td>documentation for one assigned patient daily.</td>
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<td>specialty focused history,</td>
<td>service.</td>
<td>• Skills evaluation from direct observation.</td>
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<td>physical</td>
<td>• The student will be able to perform the appropriate evaluation of a</td>
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<td></td>
<td>patient prior to referral to this specialty.</td>
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<td></td>
<td>• The student will be able to take a specialty specific medical history,</td>
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<tr>
<td></td>
<td>perform a physical exam and be aware of the approach to the patient in</td>
<td></td>
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<tr>
<td></td>
<td>this specialty.</td>
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<td>• The student will complete a brief quiz at the end of the rotation</td>
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<td>Medical knowledge:</td>
<td>• The student will be able to discuss the pathology/presentation/evaluation</td>
<td>At the end of the rotation the student will list in writing the 3 most common</td>
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<td>Students will learn the</td>
<td>and management of assigned number of common diagnoses</td>
<td>reasons for referral to the service, and the criteria for a well-constructed</td>
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<td>pathophysiology and</td>
<td>• The student will learn the indications and complications for assigned</td>
<td>referral.</td>
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<td>management of the most</td>
<td>procedures performed on this service.</td>
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<td>common diagnoses encountered.</td>
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### Interpersonal and Communication skills:
The student will effectively communicate with colleagues and patients.

- The student will take the medical history of assigned patients and be able to effectively present to the faculty/team.
- The student will document a write up...

### Professionalism:
The student will demonstrate respect for patients and colleagues.

- The student will be punctual and complete all required work.
- The student will demonstrate respect and compassion for others.
- The student will demonstrate respect for patient privacy and autonomy.

### Practice Based Learning and Improvement:
Students must be able to assimilate scientific evidence and improve their patient care practices.

- Locate and assimilate evidence from scientific studies related to their patients’ health problems, including literature searches.
- Use information technology to manage information, access on-line medical information; and support one’s education.

### System based practice:
Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.

- Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and their families; accountability to patients and their families and the profession; and a commitment to excellence and ongoing professional development.
- Demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, and confidentiality of patient information.
- Demonstrate sensitivity and responsiveness to patients’ culture, age, gender, and disabilities.

### Observations of faculty and staff.

### II. Methods of Instruction

**Didactic: (Schedule, Topic and Faculty)**

- Allergy Journal Club (2nd & 4th Wednesday of the Month Noon – 1:00 PM.)
- Immunology Clinic Conference (Thursday 8:00 – 9:15 AM).
- Allergy Noon Conference (Thursday 12:00 – 1:00 PM).
- Allergy Teaching Rounds (1st & 4th Thursday 9:30 – 10:30 AM).
- Allergy Research Conference (2nd Thursday of the Month - 9:30 AM).
- Interesting Case Conference (3rd Thursday of the Month - 9:30 – 10:30 AM).

**Clinical: (Schedule, Faculty Teaching and House-Staff Teaching)**
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- Attend pediatric Immunology Clinic with Dr. de la Morena on the 2nd, 4th and 5th Monday afternoons of each month.
- Patients to be seen on Monday and Tuesday morning are discussed in the Thursday “Immunology Clinic Conference.” Each student needs to be aware of all patients coming to Immunology clinic.
- Students will be responsible for presenting one patient per week. Preparation for this presentation should include reviewing the relevant literature, establishing a differential diagnosis, and formulating a plan.
- Attend pediatric Allergy Clinic:
  - Dr. Bird on Tuesday PM and Wednesday PM.
  - Attend Allergy Clinic with Dr. Neaville on Friday (AM).
- The student should focus on new-patient evaluations.
- During clinics the student will see patients, take their history, and perform physical examinations. Afterwards, patient is presented to the attending.
- **Summary of Schedule:**

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<tr>
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<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>AM</td>
<td>Dr. de la Morena*</td>
<td>Dr. de la Morena</td>
<td>Dr. Bird</td>
<td>8-9am: Immunology conference</td>
<td>Dr. Neaville</td>
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<tr>
<td>Noon</td>
<td>Dr. Bird</td>
<td>Dr. Bird</td>
<td>9:30–10:30am: Teaching/Research/Case conference</td>
<td>Allergy Noon Conference</td>
<td>SELF STUDY</td>
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<tr>
<td>PM</td>
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<td>Inpatient Consultations</td>
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*Attend Dr. de la Morena’s afternoon clinic on the 2nd, 4th and 5th Monday afternoons of each month.*

III. **Overview of Student Responsibilities**

- Attend clinics and inpatient consults as outlined.
- Attend conferences as outlined.
- Read literature from prepared curriculum.
- **Be on time** to clinics and didactic sessions.

IV. **Method of Evaluation of Students and Requirements**

Pass-fail grades; there are no examinations. Evaluations of the student by the faculty will be based on achievement of the stated objectives of the course. This will be assessed by the student’s preparation, fund of knowledge, participation in clinic, and participation in didactic sessions.