

DEPARTMENT OF PEDIATRICS

PEDIATRIC ALLERGY & IMMUNOLOGY ELECTIVE

Course Director: Rose Marie Young, MD

Duration: 4 Weeks

GOALS

To acquaint the student with the evaluation, work-up, and treatment of children presenting with various allergic and immunologic disorders.

CLINICAL EXPERIENCE

Participation in the inpatient and outpatient evaluation and consultation of all children referred to the service. The medical student will work closely with the pediatric resident and the findings will be discussed with the attending physician.

EDUCATIONAL OBJECTIVES

The medical student will become familiar with the appropriate techniques used in allergy and immunology practice for the evaluation, history and physical examination of the patient. After a careful and thorough history and physical examination, the student will be expected to develop a cogent differential diagnosis and appropriate work-up; this will be presented to the attending physician for discussion.

All of the appropriate laboratory testing and allergy testing used in the work-up of the patient will be discussed. Medical students will participate in the continuity care of the patient with an allergy or immunologic disorder.

EVALUATION METHOD

Clinical observation and case presentation will be completed by course director and senior residents.

DIDACTIC EXPERIENCE

Formal didactic/teaching sessions with the attending physician are held on a regular basis. The curriculum will include the following topics: Anaphylaxis, Angioedema, Urticaria, Allergic Rhinitis, Conjunctivitis, Asthma, Atopic Dermatitis, Drug Allergy, Food Allergy, Immuno-deficiency, Allergy, Shot administration and skin testing, Medication delivery and pulmonary function testing

SUGGESTED READING

Nelson Textbook of Pediatrics e-dition: Text with Continually Updated Online Reference (Nelson Textbook of Pediatrics (Bherman)) by Robert M. Kliegman, Richard E. Behrman, Hal B. Jenson, and Bonita F. Stanton.

Text

1. *Allergy, Principles and Practices*. Edited by Middleton, Reed, Ellis et al.
2. *Immunological Diseases*. Edited by Samter, Talmage, Frank et al.

Journals

1. *JAMA: Primer on Allergic and Immunologic Diseases* (yearly or every other year)
2. *Allergy and Asthma Proceedings: Vol. 25, 4 July-Aug. 2004 Supplement 1*
3. *Northwestern Univ. Allergy-Immunology Syllabus: Residents and Students*
4. *JACI – Journal of Allergy and Clinical Immunology* (official journal of the American Academy of Allergy, Asthma and Immunology)
5. *Annals of Allergy, Asthma and Immunology* (official journal of the American College of Allergy, Asthma and Immunology)

HOW TO APPLY

If you are interested in applying, please call 516-572-5399 or visit us at www.numc.edu.