

## APPENDIX E

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Immunopathology (E.5). This elective is given every second year. It is organized by Dr. William Willoughby and consists of two one-hour lectures each week in the 4th quarter. It was attended by 20 medical students and graduate students. This advanced course in immunopathology begins by reviewing the basic cellular and biochemical processes which constitute disease effector mechanisms, and concludes by analyzing selected immunopathologic diseases of man in terms of these mechanisms. Emphasis is placed on lymphoid cell functions, lymphokines and monokines, complement, immunopharmacologic regulation, and viral immunopathology. Diseases discussed include glomerulonephritis, myasthenia gravis, thyroiditis, immediate hypersensitivity reactions, transplantation biology, and pulmonary immunopathology.

Medical Mycology is an elective (E.7) offered by Dr. William Merz and is held twice per week during the 3rd quarter. It is open to medical students and graduate students. This course is given to provide an in-depth view of the mycotic infections of man. Each of the

mycoses will be discussed and compared according to its specific microbiology, clinical presentation, immunology, epidemiology and therapy. The laboratory section of the course provides the student with samples of each fungus and tissue sections to enable them to identify the important fungal pathogens. New diagnostic procedures demonstrated include immunologic and biochemical tests.

Clinical Cytopathology Seminars is an elective (E10) arranged by Drs. Frost, Erozan and Gupta. There are 9 sessions arranged over 5 weeks in the 1st quarter in this elective which is open to medical students and housestaff. The aim of the seminar is to acquaint students and housestaff with the value and limitations of the clinical use of cytopathology.

Laboratory Medicine: Rational Use of the Clinical Laboratory. This elective for medical students (E17) given mainly by Drs. Rock and Miller, but assisted by other faculty in Laboratory Medicine, lasts for 5 weeks in the 3rd quarter. The course is designed primarily for 3rd and 4th year medical students. It emphasizes the appropriate use of the clinical laboratory

in both diagnosis and management, using didactic presentations, case discussions, and demonstration of laboratory technology.

Seminars in Laboratory Medicine (e18) is arranged by Dr. Rock and associates for medical students, housestaff, and postdoctoral students. It consists of a 1-hour weekly presentation during most of the year and instruction is given by visiting lecturers in addition to the Laboratory Medicine faculty. It consists of a series of presentations dealing with topics of current interest in clinical laboratory sciences, interpretation of laboratory data, clinical biochemistry and chemical pathology, hematology, immunohematology and transfusion practice, diagnostic immunology, and medical microbiology.

Principles of Immunoassays (E19) is a short course for medical students, housestaff and fellows, presented under the auspices of The Council on Immunology by the Laboratory Medicine staff.

Microbiology of Human Pathogens (e20) is an elective for medical students held 1 day per week in the 2nd quarter, and is organized by Drs. Patricia Charache and W. Merz. It is concerned with the microbiology of infectious disease.