

EXHIBIT B
Chungnam National University, College of Medicine
Elective Course Descriptions and Objectives

Electives taken at clinical affiliations for medical students include, but are not limited to, educational experiences, such as clinical rotations, clerkships, preceptorships, shadowing experiences and all clinical experiences that will improve skills through observing and assisting, in:

Surgery: The student will be exposed to the preoperative, operative and postoperative management of surgical patients in various areas, such as, pediatric surgery, plastic and reconstructive surgery, oral surgery, trauma and cardiac surgery, vascular surgery and other areas related to their training. Students will become familiar with the most common aspects of surgical care and understand the principles of the area they study. They will be exposed to critical thinking and decision making needed in this area.

Pediatrics: Depending on the kind of pediatric rotation students choose, they will participate in the evaluation of new patients, and the ongoing cases of patients, and will learn the basic principles of the identification and management of common childhood maladies. For example, in Pediatric Intensive Care, they will learn the causes and treatment of life threatening pediatric diseases. Students will gain an understanding of the general principles of pediatric care. They can choose from these areas of study within the field of Pediatrics: Pediatric medicine, endocrinology, gastroenterology, hematology/oncology, intensive care, nephrology, neurology, cardiology, infectious disease, and other related areas.

Family Medicine: Students will experience the important principles of Family Medicine, inpatient and/or outpatient and primary care. These can include definitive care, shared care and supportive care for patients, regardless of age, gender or presenting problem. They will study interview technique and problem solving as well as problem oriented record keeping. Where appropriate, Family Medicine electives will include the influence of diversity (cultural, social, psychological factors) as it impacts on the patient and family.

Neurology: Students can experience outpatient and/or inpatient care. They will have the opportunity to follow patients through special neurological procedures such as EEG, EMG, neuroimaging and neurosurgery depending on the rotation they experience. Students will function as clinical clerks or participate in the care of patients depending on the site limitations and guidelines. Outpatient experiences in practitioners' offices are also acceptable.

Internal Medicine: Medicine electives can be taken in the areas of Cardiology, Gastroenterology-Hepatology, Clinical Hematology, Vascular Medicine, Research Hematology, Rheumatology, Geriatrics, Medical Intensive Care Unit, Pulmonary Medicine, Medical Oncology and related areas. The purpose of these electives is to

familiarize students with all clinical aspects of each area visited, the use of invasive and noninvasive laboratory test results, the various procedures (e.g. GI procedures), the many approaches to diagnosis and treatment of a variety of diseases, managing critically ill patients, and other skills they will need to practice medicine. Experiences in private practice are also acceptable.

Obstetrics/Gynecology: Students can select electives in Obstetrics, Gynecology, Reproductive Endocrinology, High-Risk Obstetrics, Gynecologic Oncology, Ambulatory Gynecology and Obstetrics, and other related areas. Students will gain an understanding of the management of infertility in reproductive endocrine disorders, the specialized procedures and techniques required to diagnose and treat patients, the pre and post operative care of the oncology patient, as well as the staging and management of malignant disease, etc. depending on the chosen elective. Students will experience outpatient or inpatient care rotating in clinics, private practice or hospital facilities.

Psychiatry: Students may choose from the following Psychiatry electives: Schizophrenia Research, Research related to other psychiatric disorders (Sleep disorder/Sleep Research), Consultation/Liaison Psychiatry, Pain Medicine & Behavioral medicine, Outpatient Psychiatry/Forensic Psychiatry, Emergency Psych, Child Psych, Addiction Medicine and other related areas. Students will gain a basic knowledge of the area studied and experience inpatient and/or outpatient care in order to learn about diagnosis and treatment in the field of Psychiatry. Depending on the site they attend, students will learn about alternatives to hospitalization, detoxification protocols, rehabilitation modalities, gathering appropriate history, interviewing family members, consulting with other members of a team to establish a formulation of the case and an appropriate treatment plan, etc.

Emergency Medicine: The student will experience a wide spectrum of emergency and non-emergency problems. They will develop patient evaluation skills by doing a concise history and examining unscreened patients under faculty supervision, develop the ability to quickly determine the relevant history and physical with selective use of ancillary services, achieve the most efficient and effective emergency assessment and management, develop skills in suturing, interpretations of radiographs, interpretations of EKG's, establishing IV lines, CPR, etc. They will understand how the emergency department relates to other departments and services. They will also have the option of doing research in emergency medicine in an area of interest that is sanctioned by their advisor.

Other similar clinical and research electives are acceptable (e.g. Pediatric oncology, Endocrinology, Hematology/Oncology, Pharmacology, Genetics research, infectious disease control, clinical preventive services and minority affairs, health services delivery research, public health activities, etc.). Research in any related areas is also acceptable. In addition, there may be individual medically relevant educational rotations that the named affiliations will ask our students to participate in, such as, alternative/complementary/holistic medicine, medical Spanish, wilderness medicine, etc. These experiences will fulfill our elective course requirements.