

# UNIT 7 - ENDOCRINE SYSTEM

## CAREERS

**Biostatistician** (Biotechnology Research & Development)-The biostatistician engages in the development of mathematical theory or apply theory and methods to collect, organize, interpret, and summarize numerical data on biological topics to provide usable information

**Pathologist** (Therapeutic Services)- The pathologist is a physician who specializes in laboratory studies of cells and tissues to help other physicians make accurate diagnoses. One of the principal functions of a pathologist is to examine tissues for any changes that might indicate disease.

**Advanced Practice Nurse** (Therapeutic Services)- Includes advance practice nurses such as: nurse practitioners, clinical nurse specialists, certified nurse midwives, and certified registered nurse anesthetists. Advanced practice nursing is practiced by Registered Nurses who have specialized formal, post-basic education and who function in highly autonomous and specialized roles.

**Clinical Lab Scientist** (Diagnostic Services)- The clinical lab scientist examine and analyze body fluids, tissues, and cells. They look for bacteria, parasites, and other microorganisms; analyze the chemical contents of fluids; match blood for transfusions; and test for drug levels in blood to show how a patient is responding to treatment. They use automated equipment and instruments capable of performing a number of tests simultaneously, as well as microscopes, cell counters, and other sophisticated laboratory equipment. They analyze the data and relay the results to physicians.