

## **Programmatic Essential Functions Nuclear Medicine Technology**

The SHRP-Essential Functions were developed to assist each student in evaluating their capabilities and chances for success in a particular program. In order for students to do this accurately, program specific Essential Functions must indicate what is required to do well in the academic program, as well as, the skills/functions required to be successful in that particular allied health professional role. The following standards pertain to particular cognitive, motor, behavioral and social skills that are associated with the educational process for your allied health program:

### **Programmatic Standards**

#### **Observational Standards**

- Participate in patient assessment and evaluation. Documents necessary information on forms and communicates information to members of the health care team.
- Participate in patient assessment and evaluation

#### **Communication Standards**

- Participate in patient education and supportive care.
- Gather and report data.
- 3.. Documents necessary information on forms and communicates information to members of the health care team.
- Maintains patient confidentiality
- Communicate verbally, read and write in English. Student must be able to read and understand typed, handwritten and computer information in English.

### **Intellectual/Conceptual Standards**

- Attend and participate in didactic and clinical education and training, on and off campus
- Participate in emergency care.
- Participate in non-invasive procedures.
- Perform frequent practical, oral and written examination and/or demonstration.
- All students must get certified in CPR for Health Care Professionals by the end of the first semester.
- Intravenous injections and/or blood drawing are required for most nuclear medicine procedures.

### **Motor Skills Standards**

- Hear/Respond to verbal directions.
- 2. Scoop, kneel and/or crouch to perform procedures or adjust equipment.
- Lift up to 50 pounds to assist in moving patients or equipment. Push/pull and move large, wheeled equipment, e.g., beds and stretchers.
- Grasp and manipulate with precision small equipment (syringes, vials, catheters, needles, etc.)
- Walk/stand for prolonged periods of time.
- Manipulate with precision any knobs, dials or keypads used with diagnostic imaging or other Nuclear Medical instrumentation.
- Palpate/feel with precision the location and character of normal/abnormal anatomic structures e.g, veins, peripheral pulses, thyroid glands and other superficial anatomy.
- Working with radioactive materials is an essential part of Nuclear Medicine. The student must be willing and able to understand and apply precautions for the safe handling, preparing, administering and properly disposing of radioactive materials.

## **Behavioral and Social Standards**

- Work lengthy and irregular hours attending to patients.
- Develop and exhibit professional ethical demeanor. The student shall accept responsibility for reporting unethical professional behavior to his/her supervising technologist, physician or his/her Clinical Supervisor at the Program.
- Develop medical ethics and understand medical-legal concepts. Maintains patient confidentiality.
- Conduct oneself in a professional manner appropriate for a health care setting.
- The student shall deliver needed health care services to patients without regard to race, age, gender, creed, socioeconomic status, political orientation, sexual persuasion or national origin.