

## **PA GENOMIC COMPETENCIES**

### **A. PATIENT CARE**

1. Gather family history information and construct a multigenerational pedigree.
2. Identify patients who would benefit from referral to genetics professionals.
3. Distinguish between genetic screening and genetic testing.
4. Incorporate genetic tests. Into patient management.
5. Discuss the range of genetic and genomic-based approaches to the treatment of disease.

### **B. MEDICAL KNOWLEDGE FOR PRACTICE**

1. Describe the cellular and molecular mechanisms underlying human inheritance.
2. Define the role of genetic variation in health and disease.

### **C. INTERPERSONAL & COMMUNICATION SKILLS**

1. When communicating genetic information to patients, consider personal factors that may influence their understanding and response.
2. Explain the role of genetics professionals in the patient-care plan.
3. Promote informed decision making for patients, and provide nondirective counseling.
4. Offer appropriate psychological and social support to patients and families affected by a genetic condition.

### **D. PRACTICE-BASED LEARNING AND IMPROVEMENT**

1. Use information technology to obtain current and credible information about genetics for self, patients, and colleagues.

### **E. PROFESSIONALISM**

1. Examine on a regular basis one's competence in genetics/genomics as pertinent to one's practice setting.
2. Discuss financial, ethical, legal, and social issues related to genetic testing and recording of genetic information.

### **F. INTERPROFESSIONAL COLLABORATION**

1. Seek coordination and collaboration with an interprofessional team of health care providers.

### **G. SYSTEMS BASED PRACTICE**

1. Identify key aspects of health care systems as they apply to clinical genetics.