

**Block Diagram and Concise Description of Fellow Rotations/Assignments:**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Rotation	UAMS BB	UAMS BB	UAMS APH	UAMS CT	UAMS HLA	ACH	ACH	ACH	ACH	ARC	ARC	ARC

- **BB (Blood Bank) Months 1 and 2:** Initially, the fellow will function much like a pathology resident rotating through Transfusion Medicine. They receive education in both the technical and medical aspects of the hospital transfusion service with increasing responsibilities over the 2-month time period.
- **APH (Apheresis) Month 3:** The fellow will provide first-line medical and consultative support for therapeutic hemapheresis procedures and peripheral blood progenitor cell collections.
- **CT (Cell Therapy Laboratory) Month 4:** The fellow will be educated on the technical, medical and regulatory issues related to stem cell processing and storage. In this role, they will continue to closely interact with the apheresis unit, where stem cells are collected.
- **HLA (Histocompatibility Laboratory) Month 5:** The fellow will understand the technical aspects of HLA typing and to provide clinical consultation.
- **ACH (Arkansas Children’s Hospital) Months 6-9:** The fellow will receive education in both the technical and medical aspects of the hospital transfusion service with emphasis on the special issues encountered in pediatric patients. The fellow will serve as a primary clinical consultant but will also have protected time to rotate through the ACH HLA laboratory in order to learn about serologically-based histocompatibility testing.
- **ARC (American Red Cross) Months 10-12:** The fellow will be educated in the technical, medical and regulatory issues surrounding blood collection and processing. This rotation will also focus on work performed in the ARC reference laboratory, an advanced lab focused on the evaluation of complex serological problems from the region. The fellow will also be an active participant in the educational programs of the organization.