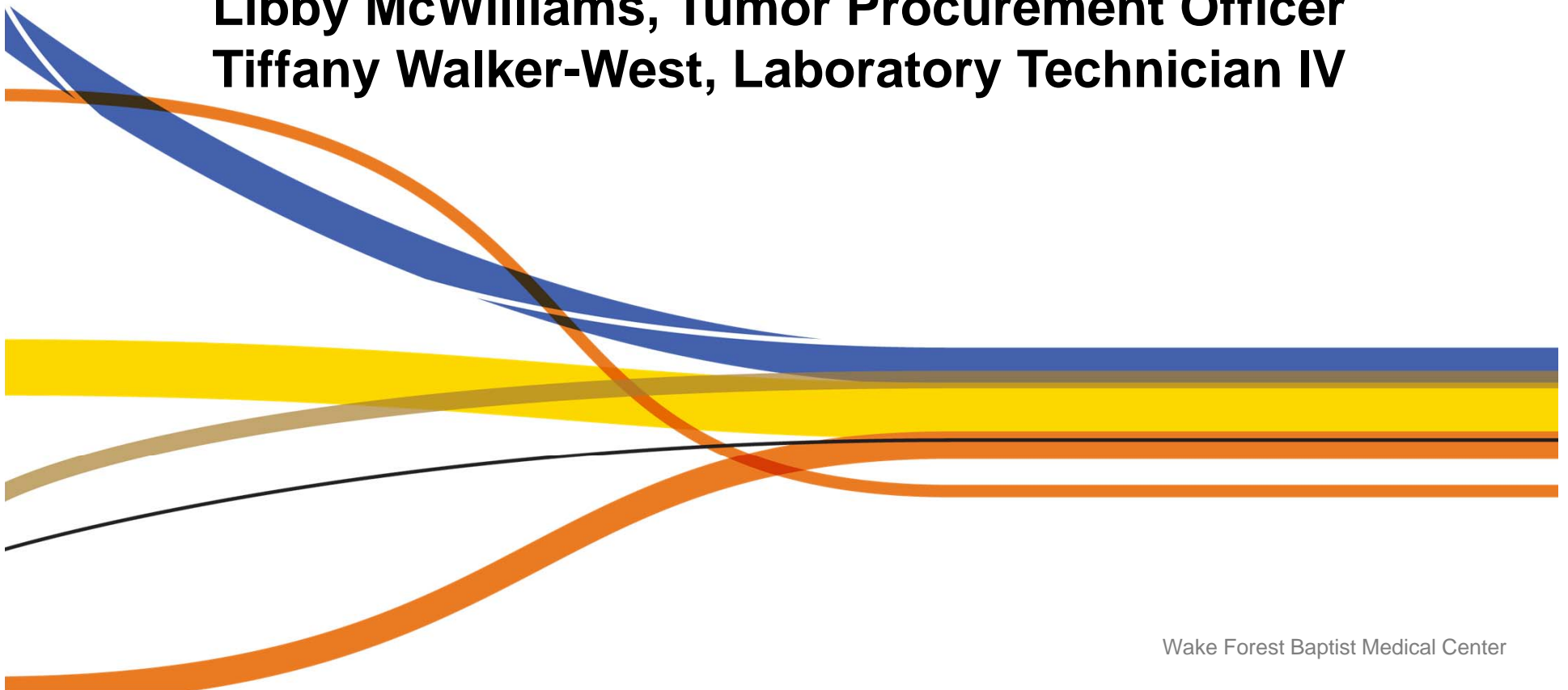


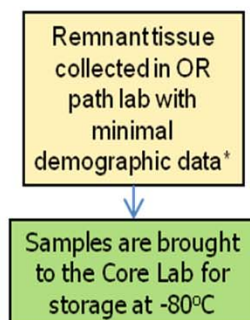
Tumor Tissue Core

**Greg Kucera, Ph.D., Shadi Qasem, M.D.,
Ed Levine, M.D.**

**Libby McWilliams, Tumor Procurement Officer
Tiffany Walker-West, Laboratory Technician IV**

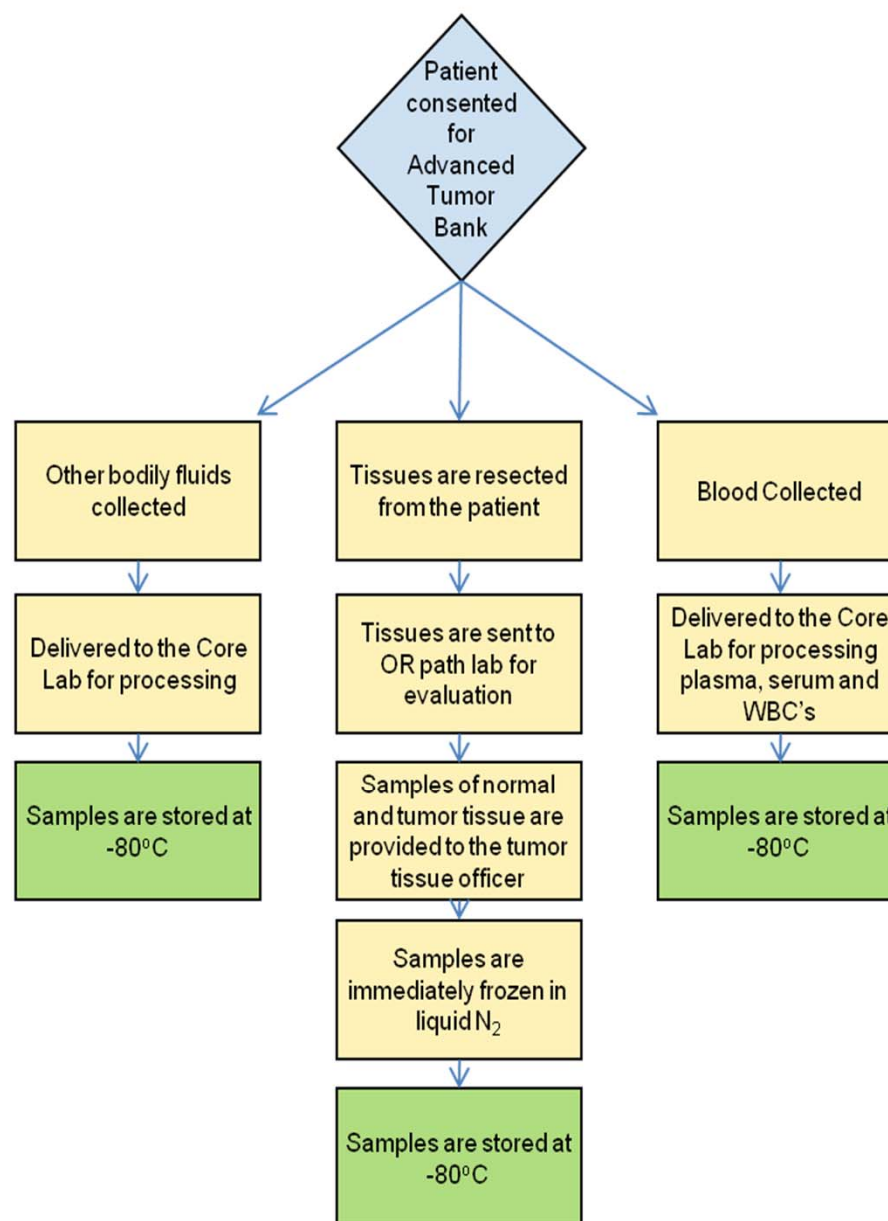


A. Basic Tissue Bank

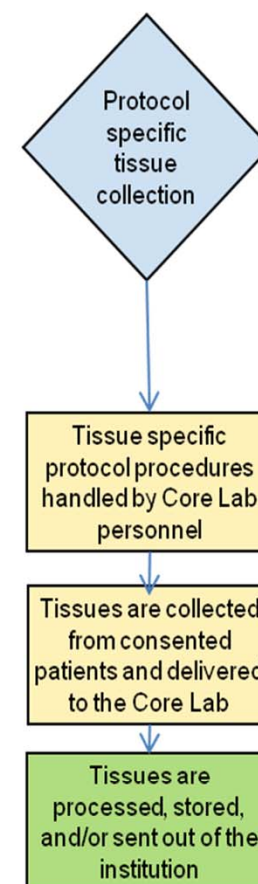


*Samples collected under general surgery consent

B. Advanced Tissue Bank



C. Protocol Specific



Prioritization of Distribution

- Defined criteria:
 - Peer-reviewed funded cancer research
 - Pilot Projects
 - Unfunded approved research
- Tumor Tissue Committee:
 - Edward Levine, MD – Surgical Oncology
 - Greg Kucera, PhD – Cancer Biology
 - Shadi Qasem, MD-Pathology

Online Search Engine

The screenshot shows a web browser window with the URL <http://ccc.wfubmc.edu/tissue/>. The page title is "Tissue Core Facility Search Engine" with a last modified date of 06/12/12. The search bar contains the text "brain". Below the search bar, there are options for "Predefined Searches" and a "Run" button. The search results section shows "You searched: Freetext word(s) - 'brain'." and "Done! Your search produced 832 matching results. Please scroll down your screen to see them." Below this, there is a "Step 1: Search Tissue" section with a "Click Here To Continue Order" link. The main content is a table with 11 columns: Add to Cart, ID Number, Site, Site Description, Diagnosis, Diagnosis Description, # Tumor Available, # Normal Available, Diagnosis Site, Description, and Notes. The table lists 14 search results for various brain tumors and conditions.

Add to Cart	ID Number	Site	Site Description	Diagnosis	Diagnosis Description	# Tumor Available	# Normal Available	Diagnosis Site	Description	Notes
Select	1999-36	Brain	Tumor	Meningioma		16	0	Brain		
Select	2004-140	Brain		Meningioma		3	0	Brain		Olfactory groove-planum sphenoidale
Select	2004-141	Brain	Right Temporal	Astrocytoma-Glioma	residual, radiation effects	2	0	Brain		
Select	2004-142	Brain		Astrocytoma-Glioma	recurrent, radiation-induced changes	2	0	Brain		Cerebrum
Select	2004-146	Brain	recurrent	Astrocytoma-Glioma	multiforme	1	0	Brain		Left Temporal
Select	2004-147	Brain		Oligodendroglioma	grade II, recurrent	3	0	Brain		Not specified
Select	2004-149	Brain	gemistocytic astrocytoma, grade 4	Astrocytoma-Glioma	Glioblastoma, multiforme, ring enhancing	1	0	Brain		Left Parietal
Select	2004-150	Brain		Oligodendroglioma	anaplastic	2	0	Brain		Left Parietal
Select	2004-151	Brain	glioblastoma multiforme	Astrocytoma-Glioma	multiforme, progressive	2	0	Brain		Right Parietal
Select	2004-152	Brain	R. Frontal span. hx seizures	Astrocytoma-Glioma		1	0	Brain		Right Frontal
Select	2004-153	Brain	R. Frontal	Meningioma		4	0	Brain		Left Frontal
Select	2004-154	Brain	residual, high grade	Astrocytoma-Glioma	multiforme, recurrent	1	0	Brain		Right Frontal

Tissue Statistics

Year	Patients	Tissue Vials	Tissues Dispensed	Projects	Total Tissues Available	Total Number of Patients
FY 2012	1,111	4,792	167	5	26,862	7,800
FY 2013	1,237	5,729	182	6	34,780	8,139
FY 2014	1,085	5,005	487	8	37,424	10,445

Tissue Statistics

Tumor Type	Sets	Tumor	Normal
Brain	629	1253	107
Breast (female)	714	1196	1132
Colon	554	1020	927
Lung	270	449	413
Prostate	229	705	123