

Examples of Breadth Areas for CRB students:

Bao Nguyen

1. Pharmacology and physiology of adrenergic receptors (alpha and beta)
2. Structure and function of heterotrimeric G-proteins.
3. Cellular regulation of cell surface receptors.

Adrienne McCampbell

1. Uterine biology
2. Signal Transduction
3. Renal Pharmacology

Hanyin Cheng

1. Programmed cell death
2. Protein synthesis and trafficking
3. Signaling through receptor/nonreceptor tyrosine kinases

Jeremy Ross

1. Protein-protein interactions in signal transduction
2. Tyrosine kinases in receptor signaling
3. Protein sorting and trafficking

Leslie Piggott

1. Cardiovascular Pharmacology
2. Cyclic Nucleotides
3. Ligand-gated Ion Channels

Kendra Carmon:

1. Wnt Signaling
2. Uterine Biology
3. Breast Cancer

Svitlana Kurinna

1. Protein phosphatases in signal transduction
2. Lipids as second messengers
3. Mitochondrial membrane biology

Katherine Barker (in Neuro)

1. Voltage-gated ion channels
2. Opioid receptors and signaling pathways
3. Pain sensation and analgesia

Faiza Baameur

1. Adrenergic Receptors
2. Pulmonary Pharmacology
3. Ser/Thr kinases