Key questions defining research program:

1) What is the role of urinary proteases in activating renal Na transporters in nephrotic syndrome?
2) How are epithelial (renal) Na channels regulated by extracellular factors, including Na, shear stress, and proteases?
3) What are the roles of epithelial Na channels in non-epithelial tissues?
4) Do variants of renal Na transporters and contribute to hypertension?
5) What are the roles on WNK kinases in facilitating adaptive changes in K channels

Key words describing research program:

1) Edema
2) Hypertension
3) Na and K transporters
4) Proteases
5) WNK kinases

Titles for shovel-ready research projects:

1) Assessing expressing of urinary proteases by ELISA, and correlating with BP and weight
2) Assessing functional properties of Na channel variants in an oocyte expression system

Data sources for shovel-ready research projects:

1) PMID: 25908466
2) PMID: 27582106
3) PMID: 23136006