Key questions defining research program:

1) How does the urothelium (bladder epithelium) sense stretch?
2) How does uroplakin3 regulate umbrella cell polarization?
3) How does stretch modulate urothelial function?

Key words describing research program:

1) mechanotransduction
2) Epithelial biology
3) Urothelium
4) bladder
5) Membrane traffic

Titles for shovel-ready research projects:

1) Role of Piezo1 in bladder function.
2) UPK3a function during urinary tract development
3) Localization of proteins in human urothelium
   Role of Piezo1 in bladder function.

Data sources for shovel-ready research projects:

1) Primary research data