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Key questions defining research program:
1) Can we identify biomarkers for early detection of colorectal cancer?
2) Can we use an immunoprevention/vaccine approach to preventing colon cancer?
3) How can we better assess colonoscopy quality?
4) What is optimal implementation of surveillance colonoscopy?

Key words describing research program:
1) Prevention of colon cancer
2) Early detection of colon cancer
3) Quality of colonoscopy
4) Implementation of screening

Titles for shovel-ready research projects:
1) To be developed based on interests of resident

Data sources for shovel-ready research projects:
1) Colonoscopy Outcomes Research Project (database of colonoscopy/pathology reports in UPMC system since 1990’s)
2) Digestive Disease Tissue Resource (biospecimens from patients undergoing colonoscopy and colorectal surgery, N=4000)